Checklist of Vascular Plants of the Southern Rocky Mountain Region

(VERSION 3)

NEIL SNOW
Herbarium Pacificum
Bernice P. Bishop Museum
1525 Bernice Street
Honolulu, HI 96817
neil.snow@bishopmuseum.org

Suggested citation:

Snow, N. 2009. Checklist of Vascular Plants of the Southern Rocky Mountain Region (Version 3). 316 pp.

Retrievable from the Colorado Native Plant Society (http://www.conps.org/plant_lists.html).
The author retains the rights irrespective of its electronic posting. **Please circulate freely.**

Dedication

To all who work on behalf of the conservation of species and ecosystems.

Abbreviated Table of Contents

Fern Allies and Ferns 12

Gymnopserms 19

Angiosperms 21
- Amaranthaceae 23
- Apiaceae 31
- Asteraceae 38
- Boraginaceae 98
- Brassicaceae 106
- Cactaceae 122
- Caryophyllaceae 129
- Cyperaceae 142
- Ericaceae 152
- Euphorbiaceae 154
- Fabaceae 157
- Gentianaceae 176
- Juncaceae 183
- Lamiaceae 185
- Loasaceae 190
- Malvaceae 193
- Onagraceae 199
- Orchidaceae 205
- Orobanchaceae 210
- Plantaginaceae 215
- Poaceae 222
- Polemoniaceae 253
- Polygonaceae 260
- Ranunculaceae 273
- Rosaceae 280
- Salicaceae 291
- Saxifragaceae 296
- Solanaceae 300
- Violaceae 305

Literature Cited 310

Introduction

This Checklist provides a summary of vascular plant taxa from the **Southern Rocky Mountain Region (SRMR)** with selected synonymy. The selected nomenclature is intended to reflect phylogenetic (evolutionary) relationships as they are currently understood, given that such relationships are the basis for biological classifications. It is understood that nomenclatural changes are not always warmly embraced. Some changes were premature (including in previous versions of the Checklist), and there will be more changes. However, a relative slowdown of changes at the familial and generic levels is likely given the flurry of molecular studies over the past 25 years.

As defined here, the **SRMR** includes nine counties in southern and eastern Wyoming (Albany, Carbon, Converse, Goshen, Laramie, Niobrara, Natrona, Platte, Sweetwater), all of Colorado, and ten counties from northcentral and northeastern New Mexico (Colfax, Harding, Los Alamos, Mora, Rio Arriba, Sandoval, San Miguel, Santa Fe, Taos, Union). It also includes the northern half of Quay County (north of Interstate 40), New Mexico. The inclusion of three additional New Mexico counties (Harding, Union, part of Quay) compared to the first iteration of the Checklist (Snow04) reflects their high degree of floristic similarity with adjacent high plains counties to the north in Colorado (Schiebout08) and relative lack of taxa more typical of the Chihuahuan Desert flora, which becomes increasingly prominent south of Interstate 40. The 9,600+ specimens collected for a recent thesis (Schiebout08) in northeast NM and the ongoing work of Hazlett et al. (in prep.) on the Kiowa National Grassland (specimens mostly at GREE) provided adequate material to incorporate these counties into a slightly expanded concept of the SRMR.

The Checklist relied heavily (see Acknowledgments) on input from numerous specialists and recent publications such as *Flora of North America*, *Intermountain Flora*, *Vascular Plants of Wyoming* (Dorn01), and *A Utah Flora* (Welsh03). Nomenclature for ferns, fern allies, and gymnosperms generally follows *Flora of North America* Vol. 2, although more recent classifications exist for ferns (e.g., Goffinet04).

Familial treatments for angiosperms mostly mirror the Angiosperm Phylogeny Group II (APG II) classification. The adoption of APG II by five plant systematics textbooks or something similar (Zomlefer94; Judd07; Sprichiger04; Simpson06; Heywood07) reflects the degree to which APG II has been accepted by professional taxonomists. The retention of clearly outdated familial (e.g., Caprifoliaceae, Chenopodiaceae, Scrophulariaceae, Liliaceae s.l.) or generic concepts (e.g., *Aster*, *Senecio, Stipa*) is indefensible. Where data are equivocal or unconvincing regarding the monophyly of certain genera I have taken the broader generic concept (e.g., *Elymus*). In situations where Bremer, bootstrap or posterior probability support indices of clades are high there has been no hesitation in reducing some genera to synonymy (e.g., *Buchlöe* into *Bouteloua*).

Widespread adoption of the nomenclature proposed here for the SMRM would align us with other regions and put us ahead of others. None of our larger institutions in the SMRM, towards which people look for scientific leadership, have updated their familial arrangements significantly since the publication of APG II. Further delays in updating familial organization in major herbaria should not be put off indefinitely. Although new or different names may be

uncomfortable (and remember, taxonomists deal with name changes more than anyone), students pick up new names easily, and it is our obligation to teach what we perceive to represent the best and most recent science and reflect that in our herbaria.

At the specific and infraspecific levels taxonomic opinion often differs between workers assessing variation globally and those having extensive but mostly localized field experience. As one who monographed a medium-sized genus of grasses that occurs on five continents and has hundreds of synonyms I understand keenly some of the underlying reasons for differing taxonomic views. Those with extensive but mostly provincial experience often can recognize ecotypes and populations with some degree of evident difference that may have been ignored or overlooked taxonomically by monographers or those writing broad treatments (e.g. *Flora of North America*). However, if localized variation is not evaluated in the context of variation globally, then a proliferation of heterotypic synonyms typically ensues. The extensive synonymy associated with some taxa in our area reflects this tension, particularly in genera with circumboreal or trans-American distributions (e.g. *Viola*, *Salix*, *Silene*). Pronounced manifestations of the local versus global tension is seen with *Mimulus guttatus*, for which Kartesz and Meacham (KTZ99) recognize nearly 70 synonyms. In the opposite direction, Reveal recognized 41 varieties for *Eriogonum umbellatum* in *Flora North America* (Vol. 5). In compiling the Checklist close attention was given to the views of those with extensive field-based knowledge and overall breadth of taxonomic experience, but wider treatments (FNA, Porter00, Wagner07) also have been considered. I have summarized elsewhere in detail the species concept and criteria I use, which was sometimes used to evaluate the taxonomic treatments of others (Snow97, Snow03).

The degree of synonymy indicated among taxa varies; users hopefully will understand that the primary goal has been to summarize names used (mostly) regionally, either now or previously, and to reflect modern taxonomic concepts. In some cases where the taxonomy of a group is particularly difficult, more extensive synonymy is provided.

Earlier versions (Snow04a, 07a,b) noted its origins in *A Checklist of the Vascular Plants of Colorado* (http://www.rmh.uwyo.edu). Important differences in the listing of synonyms between these documents is explained below (notes 2-v, 2-vi). In most cases I consulted volumes of *Flora of North America*, *A Working Index of New Mexico Vascular Plants* (http://web.nmsu.edu/~kallred/herbweb) by Kelly Allred, *A Flora of New Mexico* (Martin & Hutchins 1980-81), the *Synthesis of the North American Flora* (Kartesz & Meacham 1999), the plant database at the University of New Mexico Herbarium for NM counties in the SRMR, *Grasses of Colorado* (Shaw08), and the *Catalog of the Four Corners Flora* of Heil & O'Kane (http://www.sanjuancollege.edu/Herbarium/catalogtitle.htm). Some state records for Colorado from Heil and O'Kane have not been published or await further confirmation. A number of revisions and monographs that concern taxa from our region have been consulted and cited. Nearly all previous references to the U.S.D.A. *PLANTS* database have been removed since it is a dynamic document, and rechecking its usage would have required more time than that presently available. Likewise, many references to "RMC" (short for Rocky Mountain [Herbarium] Checklist, from 1992) have been removed given its age and other generally reliable sources of printed information since then (e.g., Dorn01, FNA volumes).

Newly reported species and infraspecific taxa from our region in volumes of *Flora of North America* generally have been included, but they were incorporated to minimize changes needed at the generic level compared to Snow07b, given the ongoing scoring of characters for taxa in the Southern Rocky Mountain Interactive Flora (Brasher06). In a few cases where species boundaries remain tentative in our region (e.g., *Eleocharis*, *Cirsium*, *Grindelia*) I have not hesitated to indicate that a doctoral dissertation for that group is needed. Taxa collected only once or twice long ago are in some cases treated as waifs that were subsequently extirpated (e.g. *Claytonia umbellata*). However, in cases where non-native taxa frequently are planted ornamentally (e.g., *Linum usitatissimum*) and are likely to escape at least occasionally in localized areas, the taxa have been included as "present".

It is unfortunate that the larger herbaria of our region (COLO, RM, CS, UNM, COCO, GREE, KHD) are so unaligned nomenclaturally. Curators and collections managers in the SRMR should consider whether adoption of the nomenclature presented here (with modifications as necessary) more broadly. The National Science Foundation will support workshops and collaborative initiatives that work towards regional cooperation and standardization. The SRMR lags behind parts of the USA (e.g., southeastern US, California, Intermountain Region, Great Plains), where curators work collaboratively at documenting and disseminating data electronically about their regional flora (e.g., see http://www.sernec.org/files/R.A.O.Dec-2008.pdf).

"Version 3" reflects six years of updates. While some will groan at changes, it is a good thing that systematics is a vigorous science and enhancing our understandings of species boundaries and evolutionary relationships (and thus generic boundaries). The next version of the Checklist will indicate state-wide distributions for each taxon (WY, CO, NM).

Please send all corrections to me at the Bishop Museum (neil.snow@bishopmuseum.org).

Notes

1. Nomenclature at the family level follows *Flora of North America* for fern allies and gymnosperms and APG II (2003) for flowering plants (or see Zomlefer 93; Judd07; Spricher02; Simpson06). Three-letter family acronyms are indicated to the right of each family (Weber82; Snow00; Brasher04; Snow09). Varieties typically are used in lieu of subspecies if the nomenclatural combination is available for variety. Quadrinomials are omitted (for rationale see Snow97), as are forms (formae). Some genera have some species with either subspecies or varieties (e.g., *Poa*); the allowance of such a mixture rather than to adhere strictly to one or the other (e.g., Dorn01) was to minimize the amount of rank changes from the previous checklist.

2. Names of accepted taxa appear on the far left-hand margin. Synonyms of accepted taxa are placed in square brackets [ ] and indented below each accepted taxon. The attribution of names and synonyms is based on their use in one or more of the standard floras or checklists. Six important points must be stressed regarding accepted taxa and their synonyms:
   i) The name indicated for a taxon may not be the correct application of the name (i.e., the name being used may not match the type specimen for that name).
   ii) A name may correctly match the type specimen but may not be correctly applied to taxa in our region. For example, *Carex foena* var. *foena* was misapplied to material in our region that is now properly attributed to *Carex siccata*.
   iii) An indication of a name being an accepted taxon by a particular source (e.g. KTZ) does not necessarily mean that same source credits that taxon to our area.
   iv) Taxonomic circumscriptions of many families and genera have changed based on molecular studies of the past two decades. Oddly enough, our theoretical basis for understanding and interpreting molecular data (e.g., DNA sequencing) is more fully developed than our ability to interpret the overall reliability of morphological or anatomical data. Although some earlier molecular studies were premature in proposing new classifications based on only one gene or limited sampling within a taxon, that tendency is mostly a thing of the past, and the changes herein typically are well supported by more than one source of data.
   v) The manner in which this checklist treats the accompanying bracketed synonyms differs from Hartman & Nelson (2001), even though the visual format is the same. In Hartman & Nelson (2001) the abbreviations next to a bracketed synonym indicated the *accepted* names *recognized by* the various publications. In this document, a literature citation with a synonym can mean the same thing as Hartman & Nelson (2001). However, it also may indicate that the literature source (e.g. FNA, UT3), like this document, recognizes the name only as a synonym, not as an accepted taxon. The expanded usage herein more fully indicates known synonymy irrespective of whether the names have ever been applied to taxa in our region, or whether one of the local sources (FNA, UT3) recognized it as the correct name for an accepted taxon. This is important because different Floras split taxa at the specific and infraspecific levels in different ways. It has not been possible to exhaustively list all attributions of all sources. The following two examples should help clarify how synonymy is to be intepreted:

   Example 1:

Toxicoscordion paniculatum (Nutt.) Rydb. - W&W, Zomlefer01, Zomlefer02, SFW
[Helonias paniculata Nuttall] - FNA
[Zigadenus paniculatus (Nutt.) S. Watson] – Dorn01, FNA, HDH, IMF, KTZ, UTF, W

Explanation: *Toxicoscordion paniculatum* is accepted by W&W (Weber & Wittmann) and other indicated sources. The two references of Zomlefer indicate where detailed taxonomic data are published to support this combination. FNA recognizes this taxon under the genus *Zigadenus*, but also lists *Helonias* as a synonym for that genus. FNA also recognizes the name *Toxicoscordion paniculatum* but only as a synonym. It is important to stress that for full interpretation of the names and bracketed synonyms the user should consult the cited sources to see exactly how the name is treated by each author.

Example 2:

Several species of *Cryptantha* (Boraginaceae) have the generic name *Krynitzkia* indicated as a synonym, which are attributed to UT3. In this case, UT3 was the first source we found (although not necessarily the first source published) in which *Krynitzkia* is recognized as a generic synonym. However, UT3 does not recognize *Krynitzkia* as a valid genus. Again, users should consult each source to fully interpret our indications of synonymy.

Note: The authoritative confirmation of names in synonymy is one of the most time-intensive tasks in systematics, and can be done with confidence only when all type specimens are seen by a single author during a comprehensive revision or monograph of a given genus.

vi) Some author abbreviations have been standardized herein even though different Floras have used them differently. For example, B. L. Robinson has been spelled out in full in our region or abbreviated as B. L. Robin., B. L. Robins., or B. L. Rob. I have not generally made new entries under the synonymy of a given taxon if the only difference was minor variations of abbreviating author(s), although this was done previously (e.g., Snow04a).

3. Braces {} indicate taxa and synonyms credited to the Southern Rockies that remain unsubstantiated, erroneous, or which may be expected given their proximity in adjacent states. The symbols < > enclosing one or more two-letter postal codes (e.g., <KS, OK>) indicate states contiguous to the Southern Rockies where a taxon has been documented if not attributed to our region by other sources (primarily *Flora of North America* [FNA] or the "*Synthesis*" [KTZ]).

4. Endemic includes taxa that may range beyond the SRMR within the states of NM or WY, but excludes taxa in adjacent states. Designations of endemism herein should not be taken as authoritative; additional confirmation is needed in many instances, and expanded ranges in adjacent states beyond our region are found frequently.

5. For Colorado species, Harrington (1954) used "in" frequently but "ex" seldomly in the citing of authorities. A semicolon separating authors appears often and may be equivalent to the "ex."

6. Hybrid taxa are indicated by a multiplication sign (X). The hybrid formula follows, then synonyms, if any (e.g. Equisetum X nelsonii).

7. Considerable variation exists between regional herbaria on their recognition of infraspecific taxa, and local Floras regarding their recognition. This accounts, in part, for the inclusion of "identification sources", since often only one (e.g., IMF, FNA) source for our region includes keys to infraspecific taxa.

Abbreviations for literature and reviewers

APG II = Angiosperm Phylogeny GroupII (2003)
CC = Carolyn Crawford, Louisville, CO, pers. comm.
DA = Dirk Albach, Vienna, Austria, pers. comm.
Dorn01 = R. Dorn. 2001.Vascular Plants of Wyoming, 3rd Ed. Mountain West Publishing, Cheyenne
FCF = Catalog of the Four Corners Flora (http://www.sanjuancollege.edu/Herbarium/catalogtitle.htm), K. D. Heil & S. L. O'Kane, Jr.
FL = Friedrich Lauria, pers. comm.
FNA = Flora of North America Editorial Committee. 1993 and onwards. Flora of North America. Oxford Univ. Press, New York, NY
FNE = Kaul, R. B., D. M. Sutherland, S. B. Rolfsmeier. 2006. The Flora of Nebraska. University of Nebraska, Lincoln.
GPF = Great Plains Flora Association. 1986. Flora of the Great Plains. Univ. Press of Kansas, Lawrence, KS
HDH = Harrington, H. D. 1954. Manual of the Plants of Colorado. Sage Books, Denver, CO
HDH2= Harrington, H. D. 1964. Manual of the Plants of Colorado. 2nd Ed. Swallow Press, Chicago, IL
IMF = Cronquist, A., et al. 1972+. Intermountain Flora. Various publishers
IPNI = International Plant Names Index (www.ipni.org/index.html)
JG = Gaskin, John, U.S.D.A (Sydney, MT), pers. comm.
JM = Jane Mygatt, pers. comm. 2003; database query from UNM
KTZ = Kartesz, J. T. & C. A. Meacham. 1999. Synthesis of the North American Flora Version 1.0. North Carolina Bot. Garden, Chapel Hill, NC
KTZ2 = Kartesz, J. T. & C. A. Meacham. Beta (unreleased). Synthesis of the North American Flora. North Carolina Bot. Garden, Chapel Hill, NC
KWA = Allred, Kelly W. (2003 and onwards; http://web.nmsu.edu/~kallred/herbweb)
M&H = Martin & Hutchins. A New Mexico Flora (full citation in Literature Cited)
NNL = Isely, D. 1998. Native and Naturalized Leguminosae (Fabaceae) of the United States. Brigham Young Univ., Provo, UT
NS = Neil Snow, personal comments and observations
RBS = Shaw, R. B. 2008. Grasses of Colorado. University Press of Colorado, Boulder.
RH = Ron Hartman, personal comments (especially API, AST, and CRY)
RMC = Nelson, B. E. & R. L. Hartman. 1992. Checklist of the Vascular Plants of Wyoming, unpubl. http://www.rmh.uwyo.edu
SFE, SFW = Weber, W. A. & R. C. Wittmann. 1996. Colorado Flora: East Slope, ed. 2. or Colorado Flora: West Slope. Both: Univ. Press of Colorado, Niwot, CO
SF! = Documented for both East Slope and West Slope floras (see above)
TK = Tass Kelso, pers. comm.
TROPICOS® =Missouri Botanical Garden (http://mobot.mobot.org/W3T/Search/vast.html)
UTF = Welsh, S. L., et al. 1993. A Utah Flora, ed. 2. Brigham Young Univ. Press, Provo,UT
UT3 = Welsh, S. L., et al. 2003. A Utah Flora, ed. 3. Brigham Young Univ. Press, Provo, UT
WAW = William A. Weber, pers. comm.
WJ = William Jennings, Louisville, CO, pers. comm..
WY Checklist = database query from RM of plants from WY in SRMR (May 2003)
W&S = Wooton & Standley. 1915. Flora of New Mexico. Contr. U.S. Nat. Herb. 19: 1-794
W&W = Weber, W. A. & R. C. Wittmann. 1992. Catalog of the Colorado Flora: A Biodiversity Baseline. Univ. Press of Colorado, Niwot, CO
W&W[1] = Weber, W. A. & R. C. Wittmann. 2000. Catalog of the Colorado Flora. Revised electronic version, 11 Mar 2000) (http://www.colorado.edu/cumuseu)
W&W[2]E=Weber, W. A., & R. C. Wittmann. 1996. Colorado Flora: Eastern Slope. Revised Edition. The University Press of Colorado
W&W[2]W=Weber, W. A., & R. C. Wittmann. 1996. Colorado Flora: Western Slope. Revised Edition. The University Press of Colorado
W&W[3]E= Weber, W.A. & R. C. Wittmann. 2001. Colorado Flora: Eastern Slope. Third Edition. The University Press of Colorado

Herbarium Abbreviations: ARIZ (Univ. Arizona); **BRY** (Brigham Young Univ.); **COCO** (Colorado College); **COLO** (Univ. Colorado - Boulder); **CS** (Colorado State Univ.); **GREE** (Univ. Northern Colorado); **KHD** (Denver Botanic Garden); **RM** (Univ. Wyoming); **UNM** (Univ. New Mexico); **USFS** (National Herbarium, Forest Service [at RM])

Other Abbreviations

* = invasives in the Southern Rocky Mountains from outside NA
✣ = invasives considered introduced to the Southern Rockies from elsewhere in NA
◆= Endemics to the Southern Rocky Mountain Area
† = presumed extinct
attrib. = attributed
cult. = cultivated
err. = erroneous
exp. = expected
ENDEMIC = endemic to **SRMR** or (at maximum) states of CO, NM, and/or WY
misid. = report based on a misidentified specimen
misapp. = the name was misapplied or used inappropriately
rep. = report, reported
E, W, or E/W - These designations indicate the taxon is documented on the East or West slope ("slope flora East," SFE, "slope flora West," SFW, or both, SF!)
AZ, CO, KS, NE, NM, OK, UT, WY - Two-letter postal codes are used for the states.
NA = North America
USA = United States of America

Approximate Numerical Summaries

Numerical summaries should be taken as no more than approximations of local diversity levels. The reasons in favor of this view are numerous: Familial and generic concepts are always somewhat in flux; some taxa treated at the infraspecific level are treated elsewhere as species; all specimens of locally infrequent species may be misidentified; new taxa are being discovered periodically; new state records are made constantly; whether some species are truly naturalized from ornamental plantings may be hard to discern; taxa that were once established have been extirpated later (e.g., *Briza* spp.); and compilers can easily miscount longer lists. Clayton09 notes that inclusion of a taxon for which only one or a few specimens were collected many decades ago, and which has not collected or seen thereafter, inflates the real situation. However, I have not re-evaluated records known only from 50 years ago or longer.

Families: 148
Genera: 851
Species: 3265
Nothotaxa (species of hybrid origin): 38
Undescribed taxa: 5
Infraspecific taxa: 440
Total: Species + infraspecific taxa: 3748

Presumed extinct: 1 (*Cryptantha aperta*)
Regional endemics: 134
North American invasive taxa: 113
Extra-American invasive taxa: 419
Invasive taxa total: 532
Invasive taxa in flora by percent: 14.4%

Acknowledgments

Earlier incarnations of this Checklist (Snow04; Snow07a,b) built from earlier checklists and databases produced or maintained by Ronald Hartman and Burrell "Ernie" Nelson, Kelly Allred, William Weber and Ronald Wittmann, Chris Frazier, Jane Mygatt, and Ken Heil and Steve O'Kane, Jr. My thanks to the above individuals and Ben Legler, John Kartesz, Peter Hoch, Bill Jennings, Monique McHenry, Don Hazlett, Pamela Smith, Bonnie Heidel, Leigh Johnson, Ihsan Al-Shehbaz, Dirk Albach, Eric Ribbens, Steve Popovich, Donald Farrar, Peter Root, Barry Johnston, Greg Brown, Andrew Salywon, Michael Schiebout, David Remsen, George Argus, Georgia Doyle, Tim Hogan, Tim Dickinson, Tim Evans, Joe Kirkbride, Mark Egger, Friedrich Lauria, Rick Hammer, Alan Whittemore, and John Gaskin. For annotating specimens during my tenure at GREE (and typically other regional herbaria) thanks to Don Hazlett, Pamela Smith, Jeff Brasher, Bob Dorn, James Reveal, Andrew Hipp, Andrew Salywon, Stan Welsh, Rob Soreng, Paul Peterson, Kelly Allred, Ron Hartman, Bill Jennings and Ben Legler. My apologies to those whom I neglected to record. Thanks also to Bob Williams, Marilyn Orris, Mary Jane Niemann, Pamela Smith, and Marty Arrington for their work at GREE during my tenure at UNC, which liberated me somewhat from the busy-ness of curating an active herbarium during my tenure at UNC and which helped make earlier versions of the Checklist a reality. Georgia Doyle generously volunteered to be curator of photos for three years for the SRMR flora project and developed the database used to document photos for the interactive key project.

My sincere thanks to the U.S. Forest Service, Bureau of Land Management, U.S. National Park Service, U.S. Fish and Wildlife Service, U. S. Department of Defense, Wyoming Game and Fish, New Mexico Department of Game and Fish, New Mexico State Parks, Colorado Division of Wildlife, and Vermejo Park Ranch for their help and interest in the study of plants. Employees of Natural Heritage Programs in Wyoming, Colorado, and New Mexico have been important contributors to our knowledge of plants in the SRMR. The Nature Conservancy has facilitated botanical work in our region in numerous ways, including allowing access to privately held properties. Many other individuals have provided assistance in other ways. The landowners and managers of numerous ranches, particularly in New Mexico, have allowed us to collect on their properties. We appreciate their commitment to conservation of our native flora and fauna.

Assembling the Checklist has been facilitated by the *Flora of North America* project, which has been of considerable value to regional projects such as this one, and whose published volumes have provided insights regarding synonymy and numerous taxonomic problems.

Support for development and maintenance of the Checklist comes from the National Science Foundation (DBI-0237149) to P. M. Simmons, N. Snow, T. Ranker, R. Guralnick, and R. L. Hartman, the Colorado Native Plant Society (http://www.conps.org), and Native Plant Society of New Mexico (http://npsnm.unm.edu/).

I take full responsibility for all oversights and errors.

FERN ALLIES

Equisetaceae - EQU

(Identification sources: _____)

Equisetum arvense L. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
[Equisetum arvense L. forma serotinum (C. F. Schutz) Klinge]- HDH
Equisetum X ferrissii Clute - FNA, GPF, IMF, KTZ, UTF
[Equisetum hyemale X E. laevigatum] - KTZ
Equisetum hyemale L. subsp. affine (Engelm.) Calder & Roy L. Taylor - FNA
[Equisetum hyemale L. var. affine (Engelm.) A.A. Eaton] - Dorn01, GPF, IMF, KTZ, UTF, E/W
[Equisetum hyemale L. var. californicum Milde] - HDH
[Equisetum hyemale L. var. hyemale] - HDH
[Equisetum praealtum Raf.] - HDH
[Hippochaete hyemalis (L.) Bruhin] - W&W
[Hippochaete hyemalis (L.) Bruhin subsp affinis (A Braun) W. A. Weber] - SF!
Equisetum laevigatum A. Braun - Dorn01, FNA, GPF, HDH, IMF, KTZ, UTF, E/W
[Equisetum kansanum Schaffner] - HDH
[Hippochaete laevigata (A. Braun) Farw.] - SF!, W&W
Equisetum X nelsonii (A. A. Eaton) J. H. Schaffn. - Hartman06, FNA, KTZ
[Equisetum laevigatum X E. variegatum] - KTZ
[Equisetum variegatum Schleich. var. nelsonii A A. Eaton] - HDH
[Hippochaete variegata (Schleich.) Bruhin] - W&W
Equisetum pratense Ehrh. - FCF, FNA, HDH rep., KTZ, SF!, W&W, err. rep., E/W
Equisetum variegatum Schleich. ex F. Weber & D. Mohr subsp. variegatum - Dorn01, FNA
[Equisetum variegatum Schleich. ex F. Weber & D. Mohr var. variegatum - IMF, KTZ, E/W
[Equisetum variegatum Schleich.] - GPF, UTF
[Equisetum variegatum Schleich. var. variegatum] - HDH
[Hippochaete variegata (Schleich.) Bruhin] - SF!, W&W

Hippochaete (see **Equisetum**)

Isoëtaceae - ISO

(Identification sources: _____)

Isoëtes bolanderi Engelm. - Dorn01, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
[Isoëtes bolanderi Engelm. var. bolanderi] - RMC
Isoëtes echinospora Durieu - FNA, IMF, UTF, E
[Isoëtes muricata Durieu] - HDH
[Isoëtes setacea Lam. subsp. muricata (Durieu) Holub] - SFE, W&W
[Isoëtes tenella Léman] - KTZ
Isoëtes occidentalis L. F. Hend. - Dorn01, FNA, HDH, KTZ, E/W
[Isoëtes lacustris L] - IMF, SF!, UTF, W&W

Lycopodiaceae - LYC

(Identification sources: _____)

Diphasiastrum alpinum (L.) Holub - FNA, W&W[1]
[Lycopodium alpinum L.] - KTZ
Huperzia haleakalae (Brackenridge) Holub - Dorn01, FNA, KTZ, SF!,W&W[1], E/W
[Huperzia selago (L.) Bernh.] - W&W, W&W[1], err. rep.
[Huperzia selago (L.) Bernh. ex Mart. & Schrank] - FNA, misapp
[Lycopodium selago L.] - HDH

Lycopodium (see also **Diphasiastrum**, **Huperzia**)
Lycopodium annotinum L. - Dorn01, FNA, GPF, HDH, KTZ, SF!, W&W, E/W
[Lycopodium annotinum L. var. annotinum] - RMC
[Lycopodium annotinum L. var. pungens (La Pylaie) Desv.] - FNA (name invalid)
[Lycopodium dubium Zoëga] - SF!

Selaginellaceae - SEL

(Identification sources: _____)

Selaginella densa Rydb. - Dorn01, FNA, GPF, HDH, SF!, UTF, W&W, E/W
[Selaginella densa Rydb. var. densa] - IMF, KTZ
[Selaginella densa Rydb. var. scopulorum (Maxon) R. Tryon] - IMF, KTZ
[Selaginella densa Rydb. var. standleyi (Maxon) R. Tryon] - KTZ
Selaginella mutica D. C. Eaton ex Underw. var. mutica - Dorn01, FNA, GPF, IMF, KTZ, E/W
[Selaginella mutica D. C. Eaton] - HDH, SF!, UTF, W&W
{Selaginella peruviana (J. Milde) Hieronymous - B. Legler [pers. comm. 2009] indicates 3 likely collections from Colfax Co., NM but these in need of further confirmation
Selaginella scopulorum Maxon - FNA, HDH
[Selaginella densa Rydb. var. scopulorum (Maxon) R. M. Tryon] - FNA
[Selaginella engelmannii Hier. var. scopulorum (Maxon) C. F. Reed] - FNA
Selaginella selaginoides (L.) P. Beauv. ex Mart. & Schrank - Dorn01, FNA, KTZ
[Selaginella selaginoides (L.) Link] - HDH, IMF, SF!, W&W, E/W
Selaginella standleyi Maxon - FNA, HDH
[Selaginella densa Rydb. var. standleyhi (Maxon) R. M. Tryon] - FNA
Selaginella underwoodii Hieron. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
♦ Selaginella weatherbiana R. Tryon - **ENDEMIC <CO, NM>**,FNA, HDH, KTZ, SFE, W&W, E

FERNS

Adiantaceae (see **PTR**)

Aspidiaceae (see **DRY**)

Aspleniaceae - ASL

(Identification sources: _____)

Asplenium adiantum-nigrum L. - FNA, HDH, IMF, KTZ, SFE, UTF, W&W[1], E
[Asplenium andrewsii A. Nels.] - W&W
Asplenium platyneuron (L.) Britton, Sterns, & Poggenb. - FNA, SFE, W&W, E
[Asplenium platyneuron (L.) Oakes] - HDH
[Asplenium platyneuron (L.) Oakes ex D. C. Eaton] - GPF
[Asplenium platyneuron (L.) Britton, Sterns, & Poggenb var platyneuron] - KTZ

Asplenium resiliens Kunze - FNA, GPF, IMF, KTZ, SFE, UTF, W&W, E
Asplenium septentrionale (L.) Hoffm. - Dorn01, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
[Asplenium septentrionale (L.) Huds.] - GPF
Asplenium trichomanes L. subsp. trichomanes - FNA, KTZ, E/W
[Asplenium trichomanes L.] - GPF, HDH, IMF, SF!, UTF, W&W
Asplenium trichomanes-ramosum L. - Dorn01, FNA, KTZ, SFW, W&W, W
[Asplenium viride Hudson] - GPF, HDH, IMF
[Asplenium viride L.] - UTF, W&W[1]

Athyriaceae (see **DRY**)

Azollaceae - AZL

Azolla mexicana C. Presl - FNA, GPF, HDH, exp., IMF, SFE, UTF, W&W, E
[Azolla mexicana Schltdl. & Cham. ex C. Presl] - KTZ

Cryptogrammaceae (see **PTR**)

Dennstaedtiaceae - DST (including Hypolepidaceae, Polypodiaceae)

{Pteridium aquilinum (L.) Kuhn var. latiusculum (Desv.) Underw. ex A. Heller} - Dorn01, FNA, GPF, HDH, KTZ, E/W
{NS - not in our region fide FNA}
{Pteridium aquilinum (L.) Kuhn subsp. lanuginosum (Bong) Hultén} - SF!, W&W
Pteridium aquilinum (L.) Kuhn var. pubescens Underw. - FNA, GPF, HDH, KTZ, UTF, E/W
[Pteridium aquilinum (L.) Kuhn subsp. lanuginosum (Bong.) Hultén] - SF!, W&W

Dryopteridaceae - DRY (including **Aspidiaceae**, **Athyriaceae**, **Onocleaceae**, **Polypodiaceae**, **Woodsiaceae**)

(Identification sources: _____)

Athyrium alpestre (Hoppe) Chairv. var. americanum Butters - FNA, E/W
[Athyrium americanum (Butters) Maxon] - KTZ
[Athyrium alpestre (Hoppe) Rylands ex T. Moore subsp americanum (Butters) Lellinger] - W&W
[Athyrium alpestre Clairv. var americanum Butters] - RMC
[Athyrium alpestre (Hoppe) Rylands ex T. Moore var. americanum Butters] - HDH
[Athyrium distentifolium Tausch] - SF!
[Athyrium distentifolium Tausch ex Opiz] - W&W[1]
[Athyrium distentifolium Tausch ex Opiz var. americanum (Butters) Cronquist] - IMF, UTF, W&W[1]
Athyrium filix-femina (L.) Roth ex Mert. var. angustum (Willd.) G. Lawson] - FNA
[Aspidium angustum Willd.] - FNA
[Athyrium angustum (Willd.) C. Presl] - FNA
[Athyrium filix-femina (L.) Roth subsp angustum (Willd) Clausen] - KTZ, SFE
[Athyrium filix-femina (L.) Roth ex Mert subsp. angustum (Willd.) Hultén] - W&W
[Athyrium filix-femina (L.) Roth var angustum (Willd) Moore] - GPF
[Athyrium filix-femina (L.) Roth subsp angustum (Willd) Clausen] - FNA
[Athyrium filix-femina (L.) Roth var michauxii (Sprengel) Farwel] - FNA
Athyrium filix-femina (L.) Roth ex Mert. var. californicum Butters - FNA, E/W
[Athyrium angustum (Willd.) C. Presl var. rubellum (Gilbert) Butters] - HDH
[Athyrium filix-femina (L.) Roth] - SFW

[Athyrium filix-femina (L.) Roth ex Mert. var. filix-femina] - HDH
[Athyrium filix-femina (L.) Roth subsp. cyclosorum (Rupr.) C. Christens.] - KTZ, SFE
[Athyrium filix-femina (L.) Roth ex Mert. subsp. cyclosorum (Rupr.) C. Christens.] -W&W
[Athyrium filix-femina (L.) Roth var. cyclosorum Rupr.] - GPF
[Athyrium filix-femina (L.) Roth var. cyclosorum (Rupr.) Ledeb.] - IMF, UTF
[Athyrium filix-femina (L.) Roth ex Mert. var. cyclosorum Rupr.] - FNA
[Athyrium filix-femina (L.) Roth ex Mert. subsp. filix-femina] - W&W[1], err. rep.

{Cystopteris bulbifera (L.) Bernh.} - FNA, HDH, exp., IMF, KTZ, UTF, W&W
Cystopteris fragilis (L.) Bernh. - Dorn01, FNA, GPF, HDH, KTZ, SF!, UTF, W&W, E/W
[Cystopteris fragilis (L.) Bernh. var. fragilis] - IMF, RMC
Cystopteris montana (Lam.) Bernh. ex Desv. - FNA, KTZ, W&W, E/W
[Cystopteris montana (Lam) Bernh] - HDH, SF!
Cystopteris reevesiana Lellinger - FNA, KTZ, SF!, W&W, E/W
Cystopteris tenuis (Michx.) Desv. - FNA <NE, UT>, HDH, KTZ, SFW, W&W
Cystopteris utahensis Windham & Haufler - FNA, KTZ, SFW, W&W, W

Dryopteris expansa (C. Presl) Frazer-Jenkins & Jermy - FNA, KTZ, SF!,W&W, E/W
[Dryopteris dilatata (Hoffmann) A Gray] - HDH, W&W, misapp.
Dryopteris filix-mas (L.) Schott - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Gymnocarpium X brittonianum (Sarvela) Pryer & Haufler - KTZ, W&W[1]; Pryer93
[Gymnocarpium disjunctum X G dryopteris] - KTZ
Gymnocarpium dryopteris (L.) Newman - Dorn01, FNA, IMF, KTZ, SF!, UTF, W&W[1], E/W
[Gymnocarpium disjunctum (Rupr.) Ching] - FNA, KTZ, W&W[1] <WY>
[Gymnocarpium dryopteris (L.) Newman subsp. disjunctum (Rupr.) Sarvela] - W&W, misapp.
[Phegopteris dryopteris (L.) Fee] - HDH

Onoclea sensibilis L.- FNA, GPF, HDH, KTZ, W&W
[WJ - based on *Weber 4272,* in 1948 (COLO), collected along CO 67, roadside ditch, by fence, on curve near "Papoose Club." A waif in my opinion, this distinctive fern, would have been documented by early collectors if native, if a remnant population, would have ore likely occurred in Boulder Mountain Parks]

Phegopteris (see **Gymnocarpium**)

Polystichum lonchitis (L.) Roth - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Polystichum scopulinum (D. C. Eaton) Maxon - Dorn01, FNA, HDH, KTZ, SFW, W&W, W
[Polystichum X scopulinum (D. C. Eaton) Maxon] - RMC

Woodsia neomexicana Windham - FNA, KTZ, SF!, W&W[1], E/W
[Woodsia mexicana Fee] - FNA, GPF, HDH, exp , W&W, misapp.
Woodsia oregana D.C. Eaton subsp. cathcartiana (B. L. Rob.) Windham - Dorn01, FNA, KTZ, SF!, W&W[1]
[Woodsia oregana D. C. Eaton var. cathcartiana (B. L. Rob.) Morton] - E/W
[Woodsia oregana D. C. Eaton] - GPF, HDH, UTF, W&W
[Woodsia oregana D. C. Eaton subsp. oregana] - W&W[1], err. rep.
[Woodsia oregana D C. Eaton var. oregana] - IMF, RMC
[Woodsia oregana D C. Eaton forma glandulosa T. M. C. Taylor] - HDH
Woodsia plummerae Lemmon - FNA, KTZ, SFE, W&W, E
Woodsia X schaackii Windham - W&W[1]

[Woodsia neomexicana X W. oregana] - W&W[1]
Woodsia scopulina D. C. Eaton subsp. laurentiana Windham - FNA, KTZ
Woodsia scopulina D. C. Eaton subsp. scopulina - FNA, KTZ, E/W
[Woodsia scopulina D C. Eaton] - GPF, HDH, SF!, UTF, W&W
[Woodsia scopulina D. C. Eaton var scopulina] - IMF

Hypolepidaceae (see **DST**)

Marsileaceae - MSL

Marsilea vestita Hook. & Grev. - FNA, GPF, HDH, IMF, KTZ, UTF, E/W
[Marsilea mucronata A. Braun] - SF!, W&W
[Marsilea vestita Hook. & Grev. var. vestita] - RMC

Onocleaceae (see **DRY**)

Ophioglossaceae - OPH

(Identification sources: _____)

Botrychium
[NS – Donald Farrar {pers. comm , Aug. 2007} indicates the grape ferns will be treated by him in future publications as *Sceptridium* and the rattlesnake fern as *Botrypus*]
Botrychium campestre W. H. Wagner & Farrar - Dorn01, FNA, KTZ, SFE, W&W, E
Botrychium echo W. H. Wagner - FNA, KTZ, SF!, W&W, E/W
Botrychium hesperium (Maxon & R. T. Clausen) W. H. Wagner & Lellinger - FNA, KTZ, SF!, W&W, E/W
[Botrychium lunaria (L) Sw subsp occidentalis A Löve, D. Löve, & B. M. Kapoor] - W&W
[Botrychium matricariaefolium A Braun] - GPF
[Botrychium matricariaefolium A Braun ex K. Koch subsp. hesperium Maxon & Clausen] - HDH
Botrychium lanceolatum (S. G. Gmel.) Ångstr. subsp. lanceolatum - FNA, HDH
[Botrychium lanceolatum (S. G. Gmel.) Ångstr. var. lanceolatum] - KTZ, E/W
[Botrychium lanceolatum (S. G. Gmel.) Ångstr.] - Dorn01, GPF, IMF, SF!, UTF, W&W
Botrychium lanceolatum subsp. nov. "viride" Farrar ined.
[NS - information from S. Popovich and D. Farrar, Aug. 2007]
Botrychium lineare W. H. Wagner - KTZ, SFE, W&W, E
Botrychium lunaria (L.) Sw. - Dorn01, FNA, GPF, IMF, KTZ, SF!, UTF, E/W
[Botrychium lunaria (L.) Sw. subsp lunaria] - HDH
[Botrychium lunaria (L.) Sw. var. lunaria] - RMC
[Botrychium lunaria (L.) Sw. subsp. occidentalis A. Löve, D. Löve, & B. M. Kapoor] - W&W
[Botrychium lunaria (L.) Sw. var. onondagense (Underw.) House] - RMC
Botrychium minganense Vict. - FNA, GPF, KTZ, UTF, W&W, err. rep., W&W[1]
[Botrychium "colorado" W. H. Wagner, unpubl.] - W&W[1]
[Botrychium lunaria (L.) Sw. var. minganense (Vict.) Dole] - HDH
Botrychium multifidum (S. G. Gmel.) Rupr. - FNA
[Botrychium multifidum (S. G. Gmel) Trevis.] - Dorn01, GPF, KTZ, UTF, E/W
[Botrychium multifidum (S. G. Gmel) Rupr subsp coulteri (Underw) Clausen] - HDH, SF!, W&W
[Sceptridium multifidum (S G. Gmel.) Nishida ex Tagawa] - Jepson Manual 2 (ined.)
Botrychium paradoxum W. H. Wagner

[NS - collected 2006 in WY {D. Farrar, pers. comm., Aug. 2007} and possibly collected in CO summer 2007 but needs genetic confirmation {S. Popovich, pers. comm., Aug. 2007}]

{Botrychium pallidum W. H. Wagner} - Snow07b

{NS - genetic testing by Farrar indicates these are all sp. nov "redbank" {S Popovich pers comm., Sep. 2008}

Botrychium pinnatum H. H. St. John - FNA, KTZ, SF!, W&W, E/W

[Botrychium boreale (Fr.) Milde subsp obtusilobum (Ruprect) Clausen] - D. Farrar, pers comm.

Botrychiumx simplex E. Hitchc. - Dorn01, FNA, GPF, IMF, KTZ, SF!, UTF, W&W[1], E/W

[NS -multiple infraspecific assignments may prove to be present in Colorado based on recent work by Farrar and Popovich (S. Popovich, pers. comm. Oct. 2007}]

[Botrychium simplex A. S. Hitchc.] - W&W

[Botrychium simplex E. Hitchc. subsp. typicum Clausen] - HDH

[Botrychium simplex E. Hitchc. var. tenebrosum (A. A. Eaton) R. Clausen] -May not a valid synonym for Rocky Mountain material, D. Farrar, pers. comm., Aug. 2007]

♦ Botrychium sp. nov. "redbank", Farrar & Popovich ined. **ENDEMIC <CO, NM>**

[NS – the species occurs in Colorado and NM, Legler and Popovich, pers comms.]

Botrychium taxon nov. "furcatum", Farrar ined.

[NS - Steve Popovich, pers. comm., Feb. 2008]

Botrychium tunux Stensvold & Farrar

[NS - collected in CO in 2007 and confirmed genetically {S. Popovich, pers. comm., Oct. 2007}]

Botrychium virginianum (L.) Sw. - Dorn01, FNA, GPF, KTZ, E/W

[Botrychium virginianum (L.) Sw. subsp europaeum (Ångstr.) Clausen] - HDH

[Botrychium virginianum (L.) Sw. var. virginianum] - RMC

[Botrypus virginianus (L) Holob] - SF!

[Botrypus virginianus (L.) Holob subsp. europaeus (Ångstr.) Holob] - W&W

Botrypus (see **Botrychium**)

Polypodiaceae - PLP

(Identification sources: _____)

Polypodium hesperium Maxon - FNA, GPF, HDH, IMF, KTZ, SFW, UTF, W&W, W

[Polypodium vulgare L. subsp. columbianum (Gilbert) Hultén] - FNA

[Polypodium vulgare L. var. columbianum Gilbert] - FNA

[Polypodium vulgare L. var. hesperium (Maxon) A. Nelson & F. J. MacBr.] - FNA

Polypodium saximontanum Windham - Dorn01, FNA, KTZ, SF!, W&W[1], E/W

[Polypodium amorphum Suksd.] - W&W, W&W[1], err. rep.

Pteridaceae - PTR (including **Adiantaceae**, **Cryptogrammaceae**, **Polypodiaceae**, **Sinopteridaceae**)

(Identification sources: _____)

Adiantum aleuticum (Rupr.) Paris - FNA, KTZ, SFW, W&W[1], W

[Adiantum pedatum L.] - GPF, IMF, W&W, W&W[1],

[Adiantum pedatum L. var. aleuticum Rupr.] - UTF

Adiantum capillus-veneris L. - FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Argyrochosma fendleri (Kunze) Windham - Dorn01, FNA, KTZ, SF!,W&W, E/W

[Notholaena fendleri Kunze] - GPF, HDH

Astrolepis cochisensis (Goodding) Benham & Windham subsp. cochiensis - FNA, KTZ
[Astrolepis cochisensis (Goodding) Benham & Windham] - SFE, E
Astrolepis integerrima (Hook.) D. M. Benham & Windham - FNA, KTZ, W&W[1]
[Notholaena sinuata (Sw.) Kaulf. var. integerrima Hook.] - GPF

Cheilanthes (see also **Notholaena**)
[NS – Cheilanthes is polyphyletic [Kirkpatrick07] although our members generally fall into a single clade]
Cheilanthes eatonii Baker - FNA, GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E
Cheilanthes feei T. Moore - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Cheilanthes fendleri Hook. - FNA, GPF, HDH, KTZ, SF!, W&W, E/W
Cheilanthes wootonii Maxon - FNA, GPF, HDH, KTZ, SFE, UTF, W&W, E

Cryptogramma acrostichoides R. Br. - Dorn01, FNA, HDH, KTZ, SF!, W&W, E/W
[Cryptogramma crispa (L.) R. Br. var. acrostichoides (R. Br.) C. B. Clarke] - UTF
[Cryptogramma crispa (L.) R. Br. ex Hook. var. acrostichoides (R. Br.) C. B. Clarke] - IMF
Cryptogramma stelleri (S. G. Gmel.) Prantl - FNA, HDH, IMF, KTZ, SFW,UTF, W&W, W

Notholaena (see also **Argyrochosma**, **Astrolepis**)
Notholaena standleyi Maxon - FNA, GPF, HDH, KTZ, SFE, W&W[1], E
[Cheilanthes standleyi (Maxon) Mickel] - W&W

Pellaea atropurpurea (L.) Link - Dorn01, FNA, GPF, HDH, KTZ, SFE, UTF, W&W, E
Pellaea breweri D. C. Eaton - Dorn01, FNA, HDH, IMF, KTZ, SFW, UTF, W&W, W
Pellaea glabella Mett. subsp. simplex (Butters) A. Löve & D. Löve - SFW
[Pellaea glabella Mett. ex Kuhn] - UTF, E/W
[Pellaea glabella Mett.] - SFE
[Pellaea glabella Mett. ex Kuhn subsp. simplex (Butters) A. Löve & D. Löve] - FNA, GPF, KTZ, W&W[1]
[Pellaea glabella Mett. ex Kuhn var. simplex Butters] - IMF
[Pellaea suksdorfiana Butters] - Dorn01, HDH, W&W
Pellaea glabella Mett. ex Kuhn subsp. occidentalis (E. E. Nelson) Windham - FNA,KTZ, W&W[1]
[Pellaea glabella Mett.] - SF!
[Pellaea glabella Mett. ex Kuhn] - UTF
[Pellaea glabella Mett. ex Kuhn subsp occidentalis (E. E. Nelson) Windham]
[Pellaea glabella Mett. ex Kuhn var occidentalis (E. E. Nelson) Butters] - GPF, HDH
[Pellaea occidentalis (E. Nelson) Rydb] - Dorn01, W&W, E/W
Pellaea truncata Goodding - FNA, IMF, KTZ, SFE, UTF, W&W, E
[Pellaea longimucronata Hook.] - HDH
Pellaea wrightiana Hook. - FNA, GPF, GPF, KTZ, SFE, UTF, W&W, E

Salviniaceae (see **AZL**)

Sinopteridaceae (see **PTR**)

Thelypteridaceae - THL

Phegopteris connectilis (Michx.) Watt - FNA, KTZ, SFW, W&W[1], W

Woodsiaceae (see **DRY**)

GYMNOSPERMS

Cupressaceae - CUP

(Identification sources: _____)

Juniperus communis L. var. depressa Pursh - Dorn01, FNA, IMF, KTZ, UTF, E/W
- [Juniperus communis L.] - GPF
- [Juniperus communis L. subsp. alpina (J. E. Sm.) Celak.] - SF!, W&W, misapp.
- [Juniperus communis L. var. montana Aiton] - HDH
- [Juniperus communis L. var. saxatilis Pall.] - HDH

Juniperus horizontalis Moench - Dorn01, GPF, HDH rep., KTZ, UTF, W&W
- [Juniperus horizontalis var. douglasii hort.] - KTZ
- [Juniperus horizontalis var. variegata Beissn.] - KTZ
- [Juniperus hudsonica Forbes] - KTZ
- [Juniperus prostrata Pers.] - KTZ
- [Juniperus repens Nutt.] - KTZ
- [Juniperus virginana var. prostrata (Pers.) Torr.] - KTZ
- [Sabina horizontalis (Moench) Rydb.] - KTZ, W&W[1], SFE
- [Sabina prostrata (Pers.) Antoine] - KTZ

Juniperus monosperma (Engelm.) Sarg. - FNA, GPF, HDH, IMF, KTZ, UTF, E
- [Sabina monosperma (Engelm.) Rydb.] - SFE, W&W

Juniperus osteosperma (Torr.) Little - Dorn01, FNA, IMF, KTZ, UTF, W
- [Juniperus utahensis (Engelm.) Lemmon] - HDH
- [Sabina osteosperma (Torr.) Antoine] - SFW, W&W

Juniperus scopulorum Sarg. - Dorn01, FNA, GPF, HDH, IMF, KTZ, UTF, E/W
- [Sabina scopulorum (Sarg.) Rydb.] - SF!, W&W

Juniperus virginiana L. - FNA, GPF, E
- [WJ - more data are needed to establish the occurrence of this taxon in Colorado]
- [Juniperus virginiana L. var. virginiana] - KTZ
- [Sabina virginiana (L.) Antoine] - SFE, W&W[1]

Sabina (see **Juniperus**)

Ephedraceae - EPH

(Identification sources: _____)

Ephedra cutleri Peebles - FNA, IMF, KTZ, SFW, W&W[1], W
- [Ephedra viridis Coville var. viscida (Cutler) L. D. Benson] - HDH, UTF, W&W

Ephedra torreyana S. Watson - FNA, GPF, HDH, IMF, SFW, UTF, W&W, W
- [Ephedra torreyana S. Watson var. torreyana] - KTZ

Ephedra viridis Coville - Dorn01, FNA, IMF, KTZ, SFW, W
- [Ephedra viridis Coville var. viridis] - HDH, UTF, W&W

Pinaceae - PIN

(Identification sources: _____)

Abies bifolia A. Murray var. arizonica (Mirriam) O'Kane & Heil - FCF

[Abies arizonica Merriam] - SF!,W&W, E/W
[Abies lasiocarpa (Hook.) Nutt. var. arizonica (Merriam) Lemmon] - HDH, IMF, KTZ, misapp.

Abies bifolia A. Murray var. bifolia - FNA, SF!, W&W[1], E/W
[Abies lasiocarpa (Hook.) Nutt.] - Dorn01, UTF, W&W, err. rep.
[Abies lasiocarpa (Hook.) Nutt. var. lasiocarpa] - HDH, IMF, KTZ, RMC, misapp

Abies concolor (Gord. & Glend.) Hildebr. - Dorn01, FNA, E/W
[Abies concolor (Gord.) Lindl] - SF!
[Abies concolor (Gord.) Coopes] - HDH
[Abies concolor (Gord. & Glend.) Lindl. ex Hildebr.] - W&W
[Abies concolor (Gord. & Glend.) Lindl.] - UTF
[Abies concolor (Gord. & Glend.) Lindl. ex Hildebr. var. concolor] - IMF, KTZ, RMC

Picea engelmannii Parry ex Engelm. var. engelmannii - FNA, E/W
[Picea engelmannii Parry] - Dorn01, HDH
[Picea engelmannii Parry ex Engelm] - IMF, KTZ, UTF, W&W
[Picea engelmannii (Parry) Engelm] - SF!

Picea glauca (Moench) Voss - Dorn01
[Picea canadensis (P. Mill.) B. S. P.] - KTZ
[Picea glauca var. albertina (S. Br.) Sarg.] - KTZ
[Picea glauca var. densata Bailey] - KTZ
[Picea glauca var. porsildii Raup] - KTZ

Picea pungens Engelm. - Dorn01, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Pinus aristata Engelm. - FNA, HDH, IMF, KTZ, SF!, W&W, E/W

Pinus contorta Douglas ex Loud. var. latifolia Engelm. - Dorn01, FNA, HDH, W&W, E/W
[Pinus contorta Douglas subsp. latifolia (Engelm.) Critchf.] - SF!
[Pinus contorta Douglas ex Loud. var. latifolia Engelm. ex S. Watson] - GPF, IMF, KTZ, UTF
[Pinus murrayana Balf.] - HDH, corr. & add.

Pinus edulis Engelm. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Pinus flexilis E. James - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Pinus ponderosa Douglas ex C. Lawson var. scopulorum Engelm. - FNA, E/W
[FL any inclusion of P. Lawson in authorship for this species is incorrect]
[Pinus ponderosa P. & C. Lawson] - Dorn01, GPF, IMF, UTF
[Pinus ponderosa Douglas ex P. Lawson] - HDH
[Pinus ponderosa Douglas subsp. scopulorum (S. Watson) W. A. Weber] - SF!
[Pinus ponderosa Douglas ex P. & C. Lawson subsp. scopulorum (S. Watson) W. A. Weber] - W&W
[Pinus ponderosa P. & C. Lawson var. scopulorum Engelm.] - KTZ

Pinus strobiformis Engelm. - FCF, FNA, HDH, KTZ, SF!, W&W, E/W
[WJ - CO specimens likely hybrids with P flexilis; more study needed - consult Diana Tomback, CU-Denver]
[NS - probably comes close to our area in NM from south fide FNA]
[Pinus ayacahuite Ehrenberg var brachyptera G R. Shaw] - FNA
[Pinus ayacahuite var reflexa (Engelmann) Voss] - FNA
[Pinus ayacahuite var strobiformis (Engelmann) Lemmon] - FNA
[Pinus flexilis E James var. γ reflexa Engelmann] - FNA
[Pinus reflexa (Engelmann) Engelmann] - FNA

Pseudotsuga menziesii (Mirb.) Franco var. glauca (Beissn.) Franco - Dorn01, IMF, KTZ, E/W
[Pseudotsuga menziesii (Mirb.) Franco] - HDH, corr. & add., SF!, W&W
[Pseudotsuga menziesii (Mirb.) Franco var. glauca (Mayr) Franco] - FNA
[Pseudotsuga menziesii (Mirb.) Franco var. glauca (Beissn) Mayr] - UTF
[Pseudotsuga taxifolia (Poir.) Britton ex Sudworth] - HDH

ANGIOSPERMS

Aceraceae (see **SAP**)

Acoraceae - ACO

Acorus calamus L. - FNA, HDH, KTZ, SFE, W&W

Adoxaceae - ADX

Adoxa moschatellina L. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, W

Agavaceae - ASG

Yucca

(Identification sources: _____)

Yucca angustissima Engelm. ex Trel. var. angustissima - FCF, HDH, IMF, KTZ, UTF, WJ, W&W, misapp.
[NS - FNA does not recognize from CO]
Yucca baccata Torr. var. baccata - FCF, IMF, KTZ, E/W
[Yucca baccata Torr.] - FNA, GPF, HDH, SF!, UTF, WJ, W&W
[Yucca baccata var. vespertina McKelvey] - FNA
[Yucca vespertina (McKelvey) S. L. Welsh]] - FNA
Yucca baileyi Wooton & Standl. var. baileyi - FCF, IMF, KTZ
[Yucca baileyi Wooton & Standl] - FNA, GPF, UTF, WJ
[Yucca baileyi Wooton & Standl var. navajoa (J. M. Webber) J M Webber] - FNA
[Yucca glauca Nutt.] - HDH, W&W
[Yucca navajoa J. M. Webber] - FNA
[Yucca standleyi McKelvey] - HDH, FNA
Yucca glauca Nutt. var. glauca - GPF, KTZ, E/W
[Yucca angustifolia Pursh] - FNA
[Yucca glauca Nutt.] - Dorn01, FNA, SF!, WJ, W&W
[Yucca glauca Nutt. var. gurneyi McKelvey] - FNA, KTZ
[Yucca glauca Nutt. var. stricta (J. Sims) Trelease] - FNA
[Yucca standleyi McKelvey] - HDH
[Yucca stricta J. Sims] - FNA
Yucca harrimaniae Trel. var. harrimaniae - IMF, KTZ, W
[Yucca harrimaniae Trel.] - FNA, HDH, SFW, UTF, WJ, W&W
Yucca neomexicana Wooton & Standl. - FNA, WJ
[Yucca harrimaniae Trel. var. neomexicana (Wooton & Standl) Reveal - GPF, IMF <CO>, KTZ
[Yucca glauca Nutt] - W&W

Aizoaceae - AIZ (see also **MOL**)

Sesuvium verrucosum Raf. - GPF, HDH, KTZ, SFE, UTF, W&W, E

✣ Trianthema portulacastrum L. - GPF, KTZ, UTF

Alismaceae (see **ALI**)

Alismataceae - ALI

(Identification sources: _____)

Alisma gramineum Lej. - Dorn01, FNA, IMF, KTZ, SF!, UTF, W&W, E/W
[Alisma geyeri Torr.] - HDH
[Alisma gramineum J. G. Gmel.] - GPF
Alisma subcordatum Raf. - FNA, GPF, KTZ
Alisma triviale Pursh - Dorn01, FNA, GPF, KTZ, SF!, W&W, E/W
[Alisma plantago-aquatica L.] - HDH, UTF, W&W[1]
[Alisma plantago-aquatica L. var. americanum Schult. & Schult. f.] - IMF

Sagittaria brevirostra Mack. & Bush - FNA, GPF, KTZ, SF!, W&W[1], E/W
Sagittaria cuneata E. Sheld. - FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Sagittaria demersa J. G. Smith - FNA
Sagittaria graminea Michx. var. graminea - KTZ, E
[Sagittaria graminea Michx.] - SFE, W&W[1]
[Sagittaria graminea Michx subsp. graminea] - FNA
Sagittaria latifolia Willd. - FNA, GPF, HDH, KTZ, SF!, UTF, W&W, E/W
[Sagittaria latifolia Willd var. latifolia] - IMF, RMC
{Sagittaria longiloba Engelm. ex J. G. Sm.} - FNA, KTZ
{Sagittaria longiloba Engelm.} - GPF, HDH, rep.
{Sagittaria longiloba Engelm. ex Torr.} - W&W, err. rep.
Sagittaria montevidensis Cham. & Schltdl. subsp. calycina (Engelm.) Bogin - FNA, SFE, W&W,E
[Sagittaria calycina Engelm] - GPF, HDH, exp
[Sagittaria calycina Engelm var. calycina] - KTZ

Alliaceae - ALL (see also **THE**)

(Identification sources: _____)

Allium acuminatum Hook. - Dorn01, FNA, HDH, IMF, RMC, KTZ, SF!, UTF, W&W, E/W
[Allium acuminatum var. cuspidatum Fernald] - FNA
[Allium cuspidatum (Fernald) Rydb.] - FNA
{Allium bisceptrum S. Watson} -FNA, UT3
{NS - occurs in San Juan Co, UT, in variety of habitats; to be expected in CO}
Allium brandegeei S. Watson - Dorn01, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
[Allium brandegei S Watson forma viviparum W. A Weber] - SFW, W&W
[Allium diehlii (M E Jones) M. E. Jones] - FNA
[Allium minimum M. E. Jones] - FNA
[Allium tribrachteatum Torrey var. diehlii M. E. Jones] - FNA
Allium brevistylum S. Watson - Dorn01, FNA, HDH, IMF, RMC, KTZ, SF!, UTF, W&W, E/W
{Allium cepa L.}
{WJ - cultivated abundantly in Weld Co and elsewhere and likely persisting occasionally}
Allium cernuum Roth - Dorn01, FNA, GPF, IMF, SF!, UTF, W&W, E/W
[Allium alleghenense Small] - FNA

[Allium cernuum Roth var. cernuum] - KTZ
[Allium cernuum Roth var. obtusum Cockerell] - HDH
[Allium cernuum Roth var. obtusum Cockerell ex J. F. Macbr.] - KTZ
[Allium oxyphilum Wherry] - FNA
[Allium recurvatum Rydb.] 0 FNA

{Allium drummondii Regel} - GPF, HDH rep., KTZ, W&W[1], misid.
{NS - native range comes close to ours fide FNA in WY, CO and NM: to be expected}
{Allium helleri Small} - FNA
{Allium nuttallii S. Watson} - FNA
{Allium reticulatum Fraser ex G Don var. nuttallii (S Watson) M E Jones} - FNA

Allium geyeri S. Watson var. geyeri - Dorn01, FNA, IMF, KTZ, UTF, E/W
[Allium dictyotum Greene] - FNA
[Allium funiculosum A. Nels.] - FNA
[Allium geyeri S. Watson] - GPF, HDH, SF!, W&W
[Allium pikeanum Rydb.] - FNA

Allium geyeri S. Watson var. tenerum M. E. Jones - Dorn01, FNA, IMF, KTZ, E/W
[Allium arenicola Osterh] - FNA
[Allium fibrosum Rydb.] - FNA
[Allium geyeri var graniferum Henderson] - FNA
[Allium rubrum Osterh] - HDH, SF!, W&W
[Allium rydbergii J. F. MacBride] - FNA
[Allium sabulicola Osterh] - FNA

Allium macropetalum Rydb. - FNA, HDH, IMF, KTZ, SFW, UTF, W&W, W
[Allium deserticola (M. E. Jones) Woot. & Standl.] - FNA
[Allium reticulatum Fraser ex G. Don var. deserticola M. E. Jones] - FNA

Allium nevadense S. Watson - FNA, FCF, HDH, IMF, KTZ, SFW, UTF, W&W, W
[Allium nevadense var. macropetalum M. Peck] - FNA

* Allium sativum L. - GPF, IMF, KTZ, UTF, W&W

{Allium perdulce S. V. Fraser var. perdulce} - FNA
{NS - range comes close to ours in eastern CO and NM fide FNA; to be expected]

Allium schoenoprasum L. var. sibiricum (L.) Hartman - KTZ, W&W, E/W
[Allium schoenoprasum L.] - HDH, IMF, SF!, UTF

Allium textile A. Nelson & J. F. Macbr - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!,W&W, E/W
[Allium aridum Rydb.] - FNA
[Allium reticulatum Fraser ex G. Don 1827, non J Presl & C Presl 1817] - FNA
[Allium reticulatum Fraser ex G. Don var. playanum M. E. Jones] - FNA

Androstephium (see **THE**)

Triteleia (see **THE**)

Alsinaceae (see **CRY**)

Amaranthaceae - AMA (including much of former Chenopodiaceae)

Acnida (see **Amaranthus**)

Amaranthus

(Identification sources: _____)

✣ Amaranthus albus L. - Dorn01, GPF, HDH, KTZ, SF!, UTF, W&W, E/W
[Amaranthus pubescens (Ulıne & Bray) Rydb] - HDH rep., SFE, W&W
Amaranthus arenicola I. M. Johnst. - Dorn01, GPF, KTZ, SFE, W&W, E
[Amaranthus torreyi (A. Gray) Benth.] - HDH
Amaranthus blitoides S. Watson - Dorn01, KTZ, SF!, UTF, W&W[1], E/W
[Amaranthus graecizans L.] - GPF, HDH
Amaranthus californicus (Moq.) Wats. - Dorn01, FCF, GREE; Smith09?
[Amaranthus albomarginatus Ulıne & Bray] - KTZ
[Amaranthus microphyllus Shinners] - KTZ
✣ {Amaranthus hybridus L.} - GPF, HDH, KTZ, UTF, W&W[1], doubtful
✣ Amaranthus palmeri S. Watson - GPF, HDH, KTZ, SFE, UTF, W&W, E
Amaranthus powellii S. Watson - Dorn01, GPF, KTZ, SFW, UTF, W&W, W
✻ Amaranthus retroflexus L. - Dorn01, GPF, HDH, KTZ, SF!, UTF, W&W, E/W
{Amaranthus rudis J. D. Sauer} - GPF, KTZ <CO?>
{Acnıda tamarıscına (Nutt.) A. W Wood} - HDH
{Amaranthus tamariscinus Nutt.} - W&W, misapp.
{Amaranthus tuberculatus (Moq.) J. D. Sauer} - GPF, KTZ <NE>, W&W, misapp.
{Acnida altissima Riddell} - HDH
Amaranthus wrightii S. Watson - HDH rep., KTZ, SFE, W&W, E

Atriplex (see also **Grayia, Proatriplex**)

(Identification sources: _____)

Atriplex argentea Nutt. var. argentea - E/W
[Atriplex argentea Nutt.] - SF!, UTF, W&W
[Atriplex argentea Nutt. subsp. argentea] - GPF, HDH, RMC
[Atriplex argentea Nutt. subsp. argentea var. argentea] - KTZ
Atriplex argentea Nutt. var. caput-medusae (Eastw.) Fosberg - KTZ
[Atrıplex argentea Nutt subsp argentea var. caput-medusae (Eastw) Fosberg] - KTZ
[Atrıplex saccarıa S Watson var caput-meducae (Eastw.) S. L. Welsh] - UTF
Atriplex argentea Nutt. subsp. expansa (S. Wats.) H. M. Hall & Clem. - GPF, HDH, KTZ, E/W
[Atrıplex argentea Nutt.] - SF!, W&W
Atriplex canescens (Pursh) Nutt. var. aptera (A. Nels.) C. L. Hitchc. - Dorn01
[Atriplex aptera A. Nelson] - W&W[1]
[Atriplex X aptera A. Nelson] - KTZ
[Atriplex canescens X A. gardneri] - KTZ
[Atriplex canescens (Pursh) Nutt. subsp. aptera (A. Nelson) H. M. Hall & Clem.] - HDH, exp.
[Atriplex gardneri (Moq.) D. Dietr. var. aptera (A. Nelson) S. L. Welsh & Crompton] -
Atriplex canescens (Pursh) Nutt. var. canescens - Dorn01, KTZ, E/W
[Atrıplex canescens (Pursh) Nutt.] - GPF, SF!
[Atrıplex canescens (Pursh) Nutt. subsp canescens] - HDH, W&W
[Atrıplex canescens (Pursh) Nutt. var. occıdentalıs (Torr. & Frém.) S.L Welsh & Stutz]- UTF
Atriplex confertifolia (Torr. & Frém.) S. Wats. - Dorn01, GPF, HDH, KTZ, SF!, W&W, E/W
Atriplex corrugata S. Watson - HDH, KTZ, SFW, UTF, W&W, W
Atriplex cuneata A. Nelson var. cuneata
[Atrıplex cuneata A Nelson subsp. cuneata] - KTZ
[Atrıplex gardneri (Moq) Standl] - W&W
[Atrıplex gardneri (Moq) D. Dietr. var. cuneata (A Nelson) S. L. Welsh] - UTF
[Atrıplex nuttallıı S Watson subsp. cuneata (A Nelson) H. M. Hall & Clem.] - HDH
Atriplex gardneri (Moq.) D. Dietr. var. gardneri - Dorn01, UTF, E/W

[Atriplex gardneri (Moq.) D. Dietr.] - SF!
[Atriplex gardneri (Moq.) Standl.] - SF!, W&W
[Atriplex nuttallii S. Watson] - GPF, KTZ
[Atriplex nuttallii S. Watson subsp. gardneri (Moq.) H. M. Hall & Clem.] - HDH
[Atriplex nuttallii S. Watson subsp. nuttallii] - HDH
Atriplex gardneri (Moq.) D. Dietr. var. utahensis (M. E. Jones) Dorn - Dorn01, E/W
[Atriplex gardneri (Moq) Standl] - SF!, W&W
[Atriplex gardneri (Moq) D. Dietr. var. tridentata (Kuntze) Macbr.] -UTF
[Atriplex nuttallii S Watson] - GPF
[Atriplex nuttallii S Watson subsp. tridentata (Kuntze) H M Hall & Clem.] - HDH
[Atriplex tridentata Kuntze] - KTZ
Atriplex garrettii Rydb. - KTZ, UTF
[Atriplex canescens (Pursh) Nutt. subsp. garrettii (Rydb.) H. M. Hall & Clem.] - HDH, W&W
Atriplex graciliflora M. E. Jones - KTZ, SFW, UTF, W&W, W
* Atriplex heterosperma Bunge - Dorn01, GPF, SF!, UTF, W&W, E/W
[Atriplex micrantha Ledeb] - KTZ
* Atriplex hortensis L. - Dorn01, GPF, HDH, KTZ, SF!, UTF, W&W, E/W
Atriplex obovata Moq. -HDH, KTZ, SFW, UTF, W&W, W
Atriplex pachypoda Stutz & Chu - KTZ, W&W[1]
✣ Atriplex patula L. var. patula - UTF, E/W
[Atriplex patula L.] - KTZ, SF!, W&W[1]
[Atriplex patula L. subsp patula] - HDH
Atriplex powellii S. Watson - Dorn01, GPF, HDH, KTZ, SF!, UTF, W&W, E/W
✣ {Atriplex prostrata Bouchér ex DC.} - KTZ, W&W[1], misid
* Atriplex rosea L. - Dorn01, GPF, HDH, KTZ, SF!, UTF, W&W, E/W
Atriplex saccaria S. Watson Dorn01, - HDH, KTZ, SF!, W&W, E/W
[Atriplex saccaria S Watson var saccaria] - UTF, IMF
Atriplex subspicata (Nutt.) Rydb. - Dorn01, KTZ
[Atriplex patula L.] - W&W
[Atriplex patula L. subsp. hastata (L.) H. M. Hall & Clem.] - HDH, KTZ
[Atriplex patula L. var. triangularis (Willd.) K. Thorne & S. L. Welsh] - UTF
[Atriplex prostrata Boucher ex DC. subsp. triangularis (Willd.) Rauschert] - W&W, W&W[1], err. rep.
Atriplex suckleyi (Torr.) Rydb. - Dorn01, SFW, W&W, W
[Atriplex dioica (Nutt.) J F. Macbr.] - GPF, HDH, exp.
[Endolepis dioica (Nutt.) Standl] - KTZ
Atriplex tenuissima A. Nelson -KTZ
[Atriplex tunuissima A Nelson - HDH
[Atriplex wolfii S Watson] - UTF, W&W
Atriplex truncata (Torr. ex S. Watson) A. Gray - Dorn01, KTZ, E/W
[Atriplex truncata (Torr.) A. Gray] - HDH, SF!, UTF, W&W
Atriplex wolfii S. Watson - Dorn01, HDH, KTZ, SFW, UTF, W&W, W

* Axyris amaranthoides L. - GPF, KTZ, SF!, W&W, E/W

Bassia (see also **Kochia**)
Bassia americana (S. Watson) Scott - Dorn01
Bassia hyssopifolia (Pall.) Kuntze - Dorn01, FCF, GPF, HDH, KTZ, SF!, UTF, W&W, E/W

Ceratoides (see **Krascheninnikovia**)

Chenopodium

(Identification sources: _____)

* Chenopodium album L. var. album - KTZ, UTF, E/W
  [Chenopodium album L.] - Dorn01, GPF, HDH, SF!, W&W
Chenopodium album L. var. missouriense (Aellen) I. J. Bassett & C. W. Crompton - W&W[1]
  [Chenopodium berlandieri Moq. var. bushianum (Aellen) Cronquist] - KTZ <KS>, W&W
  [Chenopodium paganum Rchb.] - HDH, exp.
* Chenopodium ambrosioides L. var. ambrosioides - KTZ, E/W
  [Chenopodium ambrosioides L] - GPF, HDH, UTF
  [Dysphania ambrosioides (L) Mosyakin & Clemants] - FNA
  [Teloxys ambrosioides (L.) W. A. Weber] - SF!, W&W
Chenopodium atrovirens Rydb. - Dorn01, GPF, HDH rep., KTZ, SF!,UTF,W&W, E/W
  [Chenopodium aridum A. Nelson] - W&W[1]
Chenopodium berlandieri Moq. var. berlandieri - KTZ, E/W
  [Chenopodium album L. var. berlandieri (Moq) Mack & Bush] - UTF
  [Chenopodium berlandieri Moq.] - HDH, SF!, W&W
Chenopodium berlandieri Moq. var. boscianum (Moq.) H. A. Wahl - KTZ, E/W
  [Chenopodium standleyanum Aellen] - GPF, HDH, exp
  [Chenopodium berlandieri Moq.] - SF!, W&W
Chenopodium berlandieri Moq. var. zschackei (Murray) Murr ex Asch. - Dorn01, KTZ, E/W
  [Chenopodium berlandieri Moq. var. zschackei (Murray) Murray] - GPF
  [Chenopodium berlandieri Moq.] - SF!, W&W
* Chenopodium botrys L. - Dorn01, GPF, HDH, KTZ, UTF, E/W
  [Dysphania botrys (Linnaeus) Mosyakin & Clemants] - FNA
  [Teloxys botrys (L.) W. A. Weber] - SF!, W&W
✣ Chenopodium capitatum (L.) Ambrosi var. capitatum - FNA
  [Chenopodium capitatum (L.) Asch. var. capitatum - Dorn01, UTF
  [Chenopodium capitatum (L.) Asch] - GPF, HDH, SF!, W&W, E/W
  [Chenopodium capitatum (L.) Ambrosi] - KTZ
✣ Chenopodium capitatum (L.) Ambrosi var. parvicapitatum S. L. Welsh - FNA
  [Blitum hastatum Rydb.] FNA
  [Chenopodium overi A. Heller] - GPF
Chenopodium cycloides A. Nelson - GPF, HDH, KTZ, SFE, W&W, E
Chenopodium desiccatum A. Nelson - Dorn01, GPF, KTZ, SFE, UTF, W&W, E
  [Chenopodium leptophyllum (Nutt. ex Moq) S Watson var. oblongifolium S Watson] - W&W
* Chenopodium foliosum (Moench) Asch. - KTZ, SF!, W&W, E/W
  [Chenopodium capitatum (L.) Asch. var. parvicapitatum S. L. Welsh] - UTF
Chenopodium fremontii S. Watson - Dorn01, GPF, HDH, SF!, W&W, E/W
  [Chenopodium fremontii S. Watson var. fremontii] - KTZ, UTF
* Chenopodium glaucum L. var. glaucum - Dorn01, E/W
  [Chenopodium glaucum L.] - GPF, KTZ, SF!, W&W
  [Chenopodium glaucum L. subsp. glaucum] - HDH
Chenopodium glaucum L. var. salinum (Standl.) Boivin - Dorn01
  [Chenopodium salinum Standl.] - KTZ
  [Chenopodium glaucum L.] - GPF, SF!, W&W
✣ Chenopodium graveolens Willd. - HDH, KTZ, E/W
  [Dysphania graveolens (Willdenow) Mosyakin & Clemants] - FNA
  [Teloxys graveolens (Willd) W. A. Weber] - SF!, W&W
Chenopodium hians Standl. - Dorn01, HDH, KTZ, W&W, E
  [Chenopodium atrovirens Rydb.] - UTF
  [Chenopodium album L.] - SFE

* {Chenopodium humile Hook.} - KTZ, UTF
  {Chenopodium foliosum (Moench) Asch.} - W&W[1]
Chenopodium incanum (S. Watson) A. Heller var. incanum - GPF, KTZ, E/W
  [Chenopodium fremontii S. Watson var. incanum S Watson] - UTF
  [Chenopodium incanum (S. Watson) A. Heller] - Dorn01, HDH, SF!, W&W
Chenopodium leptophyllum (Moq.) Nutt. ex S. Watson - Dorn01, KTZ, E/W
  [Chenopodium leptophyllum Nutt.] - HDH
  [Chenopodium leptophyllum (Moq.) S. Watson] - UTF
  [Chenopodium leptophyllum (Nutt.) S. Watson] - SF!
  [Chenopodium leptophyllum Nutt. ex Moq.] - GPF
  [Chenopodium leptophyllum (Nutt. ex Moq.) S. Watson var. leptophyllum] - W&W
{Chenopodium murale L.} - HDH, exp., KTZ
Chenopodium overi Aellen - HDH, KTZ, E/W
  [Chenopodium foliosum (Moench) Asch.] - SF!
  [Chenopodium overi A Heller] - GPF
Chenopodium pallescens Standl. - Dorn01, GPF, HDH, KTZ, W&W, doubtful
Chenopodium polyspermum L. - FCF
Chenopodium pratericola Rydb. - Dorn01, GPF, HDH, KTZ, SFE, W&W, E
  [Chenopodium albescens Small] - HDH, rep
  [Chenopodium dessicatum A Nelson] - UTF
Chenopodium rubrum L. var. rubrum - Dorn01, E/W
  [Chenopodium rubrum L.] - GPF, KTZ, SF!, UTF, W&W
  [Chenopodium rubrum L. forma humile (Hook.) Asch. & Graeb.] - HDH
  [Chenopodium rubrum L. forma rubrum] - HDH
Chenopodium rubrum L. var. glomeratum Wallr. - Dorn01, E/W
  [Chenopodium chenopodioides (L.) Aellen] - HDH rep., KTZ
  [Chenopodium rubrum L.] - SF!
Chenopodium simplex (Torr.) Raf. - Dorn01, KTZ, SF!, UTF, W&W, E/W
  [Chenopodium gigantospermum Aellen] - GPF, HDH
Chenopodium strictum Roth var. glaucophyllum (Aellen) Wahl - Dorn01
  [Chenopodium strictum Roth] - W&W[1]
  [Chenopodium strictum Roth subsp. glaucophyllum (Aellen) Aellen & K. Just] - GPF
  [Chenopodium album L.] - W&W[1]
  [Chenopodium album L. var. striatum (Krasan) comb. nov., ined.] -KTZ
  [NS - above variety not published fide IPNI (August 2007)]
Chenopodium subglabrum (S. Watson) A. Nelson - Dorn01, GPF, HDH, exp., KTZ, SFE, W&W, E
Chenopodium watsonii A. Nelson - Dorn01, GPF, HDH, KTZ, SFE, W&W, E

Cladothrix (see **Tidestromia**)

Corispermum

(Identification sources: _____)

Corispermum americanum (Nutt.) Nutt. var. americanum - KTZ, W&W[1]; Mosyakin95
  [Corispermum americanum (Nutt.) Nutt.] - Dorn01, W&W[1]
  [Corispermum orientale Lam.] - GPF, RMC
Corispermum americanum (Nutt.) Nutt. var. rydbergii S. Mosyakin - KTZ, W&W[1]; Mosyakin95, E/W
  [Corispermum hyssopifolium L.] - GPF, HDH, SF!, W&W

♦Corispermum navicula S. Mosyakin - **ENDEMIC** <CO> , KTZ, W&W[1]; Mosyakin95
Corispermum nitidum Kit. ex Schultes - HDH, KTZ, W&W, W&W[1], misapp., W
[Corispermum nitidum Kit.] - GPF, SFW, UTF, W&W[1]
Corispermum pacificum S. Mosyakin - KTZ
Corispermum villosum Rydb. - Dorn01, HDH, KTZ, UTF, W&W[1]
[Corispermum emarginatum Rydb.] - HDH
Corispermum welshii S. Mosyakin - Dorn01, KTZ

Cycloloma atriplicifolium (Spreng.) J. M. Coult. - Dorn01, GPF, HDH, KTZ, SF!, W&W, E/W

Dysphania (see **Chenopodium**)

Endolepis (see **Atriplex**)

Eurotia (see **Krascheninnikovia**)

Froelichia floridana (Nutt.) Moq. var. campestris (Small) Fernald - GPF, HDH, KTZ, W&W, E
[Froelichia floridana (Nutt.) Moq.] - SFE
Froelichia gracilis (Hook.) Moq. - GPF, HDH, KTZ, SFE, W&W, E

Grayia (see also **Zuckia**)
Grayia spinosa (Hook.) Moq.- Dorn01, HDH, KTZ, UTF, W
[Atriplex grayi Collotzi] - SFW
[Atriplex grayi Collotzi ex W. A. Weber] - W&W

Guilleminea densa (Humb. & Bonpl. ex Willd.) Moq. var. densa - KTZ, E
[Guilleminea densa (Willd) Moq.] - GPF, SFE
[Guilleminea densa (Willd ex Roem. & Schult) Moq.] - W&W

* Halogeton glomeratus (M. Bieb.) C. A. Mey. - Dorn01, HDH, KTZ, SFW, UTF, W&W,W
[Halogeton glomeratus (Steph. ex M. Bieb.) C. A. Mey.]

Kochia americana S. Watson - HDH, KTZ, SFW, UTF, W&W, W
[Bassia americana (S. Watson) Scott] - Dorn01
* {Kochia prostrata (L.) Schrad.} - KTZ, UTF
* Kochia scoparia (L.) Schrad. - GPF, HDH, UTF, E/W
[Bassia sieversiana (Pall.) W. A. Weber] - Dorn01, SF!, W&W
[Bassia scoparia (L.) A. J. Scott] - KTZ

Krascheninnikovia lanata (Pursh) Meeuse & Smit - Dorn01, KTZ, SF!, W&W, E/W
[Ceratoides lanata (Pursh) Howell] - GPF
[Ceratoides lanata (Pursh) Howell var. lanata] - UTF
[Ceratoides lanata (Pursh) Howell var. ruinina S. L. Welsh] - UTF
[Eurotia lanata (Pursh) Moq.] - HDH
[Krascheninnikovia lanata (Pursh) Meeuse & Smit var. lanata] - UT3
[Krascheninnikovia ceratoides (L.) Gueldenst. subsp. lanata (Pursh) H. Heklau] - Helau08

Monolepis nuttalliana (Schult.) Greene - Dorn01, HDH, KTZ, SF!, UTF, W&W, E/W
[Monolepis nuttalliana (Roem & Schult) Greene] - GPF
Monolepis pusilla Torr. ex S. Watson - Dorn01, KTZ, UTF, W

[Monolepis pusilla Torr.] - HDH rep., SFW, W&W

Proatriplex pleiantha (W. A. Weber) Stutz & Chu - KTZ, SFW, W&W, W
[Atriplex pleiantha W. A Weber] - HDH, UTF

{Salicornia maritima Wolff & Jefferies} - KTZ
Salicornia rubra A. Nelson - Dorn01, GPF, HDH, KTZ, E/W
[Salicornia europaea L.] - UTF
[Salicornia europaea L. subsp. rubra (A Nelson) Breitung] - SF!, W&W

* Salsola australis R. Br. - SF!, W&W, E/W
[Salsola iberica Senn. & Pau] - GPF
[Salsola kali L. var. tenuifolia Tausch] - HDH
[Salsola kali L. subsp. tragus (L.) Celak.] -
[Salsola pestifera A. Nels.] - UTF
[Salsola tragus L.] - Dorn01, KTZ
* Salsola collina Pall. - Dorn01, GPF, HDH, KTZ, SF!, UTF, W&W, E/W
Salsola paulsenii Litv. - KTZ, UTF

Sarcobatus (see **SRB**)

Suaeda

(Identification sources: _____)

Suaeda calceoliformis (Hook.) Moq. - Dorn01, KTZ, SF!, UTF, W&W, E/W
[Suaeda depressa (Pursh) S Watson] - GPF
[Suaeda depressa (Pursh) S Watson var depressa] - HDH
[Suaeda depressa (Pursh) S. Watson var. erecta S. Watson] - HDH
Suaeda moquinii (Torr.) Greene - GPF, KTZ, E/W
[Suaeda fruticosa (L.) Forskal] - HDH, W&W, misapp.
[Suaeda moquinii Torr.] - SFW, W&W
[Suaeda moquinii (Torr.) Greene] - GPF, KTZ
[Suaeda nigra (Raf.) J. F. Macbr.] - Dorn01, HDH, SF!, W&W
[Suaeda torreyana S. Watson] - HDH
[Suaeda torreyana S. Watson var. torreyana] - UTF
Suaeda nigra (Raf.) Macbr. - Dorn01
[Suaeda moquinii (Torr.) Greene] - KTZ
Suaeda occidentalis (S. Watson) S. Watson - Dorn01, UTF
[Suaeda calceoliformis (Hook.) Moq.] - KTZ
[Suaeda occidentalis S. Watson] - HDH, W&W, no specimens seen

Suckleya suckleyana (Torr.) Rydb. - Dorn01, GPF, HDH, KTZ, SFE, W&W, E

Teloxys (see **Chenopodium**)

Tidestromia lanuginosa (Nutt.) Standl. - GPF, HDH, KTZ, UTF, E/W
[Cladothrix lanuginosa Nutt.] - SF!
[Cladothrix lanuginosa (Nutt. ex Moq.) Benth. & Hook.] - W&W

Zuckia brandegeei (A. Gray) S. L. Welsh & Stutz ex S. L. Welsh var. brandegeei - KTZ, W

[Atriplex brandegei (A. Gray) Collotzi] - SFW
[Grayia brandegei A. Gray] - HDH
[Zuckia brandegei (A. Gray) S. L. Welsh & Stutz var. brandegei] - UTF
[Zuckia brandegei (A. Gray) S. L. Welsh & Stutz] - W&W

Zuckia brandegeei (A. Gray) S. L. Welsh & Stutz ex S. L. Welsh var. plummeri (Stutz & Sanders.) Dorn - Dorn01, KTZ, Stutz87, W
[Atriplex brandegei (A. Gray) Collotzi] - SFW
[Zuckia brandegei (A Gray) S. L Welsh & Stutz var plummeri (Stutz & Sanders.) S. L. Welsh] - UTF

Amaryllidaceae (see **ALL**)

Anacardiaceae - ANA

Rhus (see also **Toxicodendron**)

(Identification sources: _____)

Rhus aromatica Aiton var. simplicifolia (Greene) Cronquist - IMF, UTF, W
[Rhus trilobata Nutt. subsp. trilobata (Nutt. ex Torr. & A. Gray) W. A. Weber forma simplicifolia (Greene) W. A. Weber] - W
[Rhus trilobata Nutt. var. simplicifolia (Greene) F. A. Barkley] - KTZ, WJ
[Rhus trilobata Nutt. ex Torr. & A. Gray var. simplicifolia (Greene) F. A. Barkley] - HDH

Rhus aromatica Aiton var. trilobata (Nutt.) A. Gray ex S. Watson - Dorn01, IMF, E/W
[Rhus aromatica Aiton subsp pilosissima (Engelm.) W. A. Weber] - SFE, W&W
[WJ - subsp. pilosissima is an exceptionally hairy form of var trilobata]
[Rhus aromatica Aiton var. pilosissima (Engelm.) Shinners] - JB, GPF
[Rhus aromatica Aiton subsp trilobata (Nutt.) W. A. Weber] - SF!
[Rhus aromatica Aiton subsp trilobata (Nutt. ex Torr. & A. Gray) W. A. Weber] - W&W
[Rhus aromatica Aiton var. trilobata (Nutt.) A. Gray] - GPF, UTF
[Rhus trilobata Nutt. var. trilobata] - KTZ, RMC
[Rhus trilobata Nutt. ex Torr. & A. Gray var. trilobata] - HDH
[Rhus trilobata Nutt. var. pilosissima Engelm.] - KTZ

Rhus glabra L. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

✣ Rhus typhina L. - GPF, IMF, KTZ <KS, UT>, SF!, UTF, WJ (voucher at COLO), E/W

Toxicodendron rydbergii (Small ex Rydb.) Greene - Dorn01, IMF, KTZ, W&W, E/W
[Rhus radicans L] - HDH
[Toxicodendron rydbergii (Small) Greene] - GPF, SF!, UTF

Anthericaceae - ATH

Echeandia flavescens (Schultes & Schultes f.) Cruden - FNA, KWA
[Anthericum flavescens Schultes & Schultes f. in J. J. Roemer et al.] - FNA
[Anthericum stenocarpum Baker] - FNA
[Anthericum torreyi Baker] - M&H, FNA
[Anthericum torreyi var. arizonicum Poellnitz] - FNA
[Anthericum torreyi var. lanceolatum Poellnitz] - FNA
[Anthericum torreyi var. neomexicanum Poellnitz] - FNA
[Echeandia leptophylla Bentham] - FNA
[Phalangium flavescens Kunth] - FNA

Leucocrinum montanum Nutt. ex A. Gray - Dorn01, HDH, MF, TZ, UTF, W&W, E/W

[Leucocrinum montanum Nutt.] - GPF, SF!

Apiaceae - API (= Umbelliferae)

[NS - Some traditional generic boundaries are challenged by molecular data. For example, ITS sequence data indicate that *Cymopterus* and *Lomatium* are highly polyphyletic. However, traditional boundaries probably are best recognized until congruent data sets support the change of existing classifications.]

Aletes (see also **Cymopterus, Lomatium, Musineon, Neoparrya**)

(Identification sources: _____)

Aletes acaulis (Torr.) J. M. Coult. & Rose - HDH, KTZ, SFE, W&W, E

♦Aletes humilis J. M. Coult. & Rose - **ENDEMIC <CO, WY>**, Dorn01, HDH, KTZ, SFE, W&W, E

✻ {Anethum graveolens L.} - HDH, exp., KTZ <AZ, KS, NE, OK, UT>

Angelica ampla A. Nelson - Dorn01, HDH, KTZ, SF!, W&W, E/W

Angelica grayi (J. M. Coult. & Rose) J. M. Coult. & Rose - Dorn01, KTZ, SF!,W&W, E/W

[Angelica grayi J M. Coult & Rose] - HDH

Angelica pinnata S. Watson - Dorn01, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Angelica roseana L. F. Hend. - Dorn01

[Angelica roseana L. F. Hend] -HDH, IMF <CO, reputedly>, KTZ, UTF, W&W, err. rep

✻ Berula erecta (Huds.) Coville var. incisa (Torr.) Cronquist - Dorn01, GPF, IMF, UTF, E/W

[Berula erecta (Huds.) Coville] - HDH, KTZ, SF!, W&W

Bupleurum americanum J. M. Coult. & Rose - Dorn01, KTZ, RMC, W

[Bupleurum triradiatum Adams subsp arcticum (Regel) Hultén] - SFW, W&W

✻ Carum carvi L. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Cicuta maculata L. var. angustifolia Hook. - Dorn01, GPF, IMF, KTZ, UTF, Mulligan80, E/W

[Cicuta douglasii (DC) J M Coult & Rose] - HDH, SF!, W&W, misapp , W&W[1]

[Cicuta maculata L.] - W&W[1]

[Cicuta maculata L. var. maculata] - GPF, KTZ

Conioselinum scopulorum (A. Gray) J. M. Coult. & Rose - Dorn01, HDH, SF!, W&W, E/W

✻ Conium maculatum L. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Cymopterus

(Identification sources: _____)

Cymopterus alpinus A. Gray - Dorn01, IMF, RH, E/W

[Oreoxis alpina (A. Gray) J. M. Coult. & Rose] - HDH, SF!, UTF

[Oreoxis alpina (A. Gray) J. M. Coult. & Rose subsp. alpina] - KTZ, SF!, W&W

[Oreoxis alpina (A. Gray) J. M. Coult. & Rose subsp. puberulenta W. A. Weber] - KTZ, SF!, W&W

[RH - This subsp. endemic to Colorado if recognized.]

♦Cymopterus anisatus A. Gray - **ENDEMIC** **<CO>** , RH, E/W
[Aletes anisatus (A. Gray) Theobald & Tseng] - KTZ, SF!, W&W
[Pteryxia anisata (A. Gray) Mathias & Constance] - HDH

Cymopterus bakeri (J. M. Coult. & Rose) M. E. Jones - IMF, RH, E/W
[Oreoxis bakeri J M Coult & Rose] - HDH, KTZ, SF!, UTF, W&W

Cymopterus bulbosus A. Nelson - Dorn01, HDH, IMF, KTZ, SFW, UTF, W&W, W

Cymopterus constancei R. L. Hartm. - Dorn01

Cymopterus duchesnensis M. E. Jones -IMF, KTZ, SFW, UTF, W&W, W

Cympoterus glomeratus (Nutt.) DC. - Sun05
[Cymopterus acaulis (Pursh) Raf.] - Dorn01, GPF, HDH, Sun05; SFE, W&W
[Cymopterus acaulis (Pursh) Raf. var. acaulis] - IMF, KTZ, UTF, E
[Cymopterus acaulis (Pursh) Raf. var. fendleri (A. Gray) Goodrich] - IMF, KTZ, UTF, W
[Cymopterus fendleri A. Gray] - HDH, SFW, W&W

{Cymopterus hendersonii (J. M. Coult. & Rose) Cronquist} - IMF, RH, UTF, W&W, misapp.
{Pteryxia hendersonii (J. M. Coult. & Rose) Mathias & Constance} - HDH, KTZ

♦ Cymopterus humilis (Raf.) Tidestr. & Kittell - **ENDEMIC** **<CO, NM?>** RH, E
[Oreoxis humilis Raf.] - HDH, KTZ, SFE, W&W

Cymopterus lapidosus (Jones) Jones - Dorn01, KTZ

Cymopterus lemmonii (J. M. Coult. & Rose) Dorn - Dorn01, IMF, UTF, E/W
[Pseudocymopterus montanus (A. Gray) J. M. Coult. & Rose] - HDH, KTZ, SF!, W&W

Cymopterus longilobus (Rydb.) W. A. Weber -W&W, err. rep.
[Pteryxia hendersonii (J. M. Coult. & Rose) Mathias & Constance p.p.] - HDH, KTZ
[Aletes anisatus (A. Gray) Theobald & Tseng] - W&W

Cymopterus longipes S. Watson - Dorn01, HDH, KTZ, RH, UTF, W&W, misapp.
{Cymopterus longipes S Watson var. longipes} - IMF

Cymopterus macdougalii (J. M. Coult. & Rose) Tidestr. "var. breviradiatus", combination not available.
[Aletes macdougalii J. M. Coult & Rose] - HDH
[Aletes macdougalii J. M. Coult & Rose subsp breviradiatus Theobald & Tseng] - KTZ, SFW, UTF, W&W
[Cymopterus macdougalii (J M Coult. & Rose) Tidestr] - IMF, RH

Cymopterus montanus Torr. & A. Gray - Dorn01, GPF, W&W, E
[Cymopterus montanus Nutt] - SFE
[Cymopterus montanus (Nutt) Torr. & A. Gray] - HDH
[Cymopterus montanus Nutt. ex Torr. & A. Gray] - KTZ

{Cymopterus multinervatus (J. M. Coult. & Rose) Tidestr.} - HDH, exp., KTZ <AZ, NM, UT>, RH, SFW, W&W, misapp., W

{Cymopterus newberryi (S. Watson) M. E. Jones} -HDH exp., KTZ <AZ, UT>, W&W

Cymopterus petraeus M. E. Jones - IMF, RH, W
[Aletes petraeus (M. E. Jones) W. A. Weber] - SFW, W&W
[Cymopterus terebinthinus (Hook.) Torr. & A. Gray var. petraeus (M.E.Jones) Goodrich]-UTF
[Pteryxia petraea (M. E. Jones) J. M. Coult. & Rose] - KTZ

♦ Cymopterus planosus (Osterh.) Mathias - **ENDEMIC** **<CO, WY>**, HDH, KTZ, SF!, W&W,W
[RH - voucher at RM]

Cymopterus purpurascens (A. Gray) M. E. Jones - FCF, HDH, KTZ, RH, misapp., SFW, UTF, W&W, W

Cymopterus purpureus S. Watson - HDH, IMF, KTZ, SFW, W&W, W
[Cymopterus purpureus S. Watson var. purpureus] - UTF

Cymopterus sessiliflorus (Theobald & Tseng) comb. nov. ined. - RH, W
[Aletes sessiliflorus Theobald & Tseng] - KTZ, SFW, W&W

Cymopterus terebinthinus (Hook.) Torr. & A. Gray var. albiflorus (Torr. & A. Gray) M. E. Jones - Dorn01, IMF, W

[Cymopterus terebinthinus (Hook) Torr. & A Gray var. calcareus (M. E. Jones) Cronquist] - SFW, UTF, W&W

[Pteryxia terebinthina (Hook) J. M. Coult. & Rose var. albiflora (Torr. & A. Gray) Mathias] - KTZ

[Pteryxia terebinthina (Hook) J. M. Coult. & Rose var. calcarea (M. E. Jones) Mathias] - HDH

♦ Cymopterus williamsii R. L. Hartm. & Const. - **ENDEMIC <WY>**, Dorn01, KTZ

* Daucus carota L. - Dorn01, GPF, HDH, IMF, KTZ, SF!, W&W, E/W

[Daucus carota L subsp carota] - UTF

{Daucus pusillus Michx.} - HDH, exp., KTZ <AZ, KS, NM, OK>

* Eryngium planum L. - GPF, KTZ, W&W

* {Foeniculum vulgare Mill.} - HDH, exp., IMF, KTZ <AZ, KS, NE, NM, UT>, UTF

Falcaria vulgaris Bernh. - Dorn01

[Falcaria sioides (Wibel) Aschers.] - KTZ

♦ Harbouria trachypleura (A. Gray) J. M. Coult. & Rose - **ENDEMIC <CO, NM, WY>**, Dorn01, HDH, IMF, KTZ, SFE, W&W, E

Heracleum sphondylium L. var. lanatum (Michx.) Dorn - Dorn01, E/W

[Heracleum lanatum Michx] - HDH, IMF, UTF

[Heracleum maximum W. Bartram] - KTZ

[Heracleum sphondylium L. subsp. montanum (Schleich.) Briq] - GPF, SF!

[Heracleum sphondylium L. subsp. montanum (Schleich. ex Gaudin) Briq.] - W&W

* Levisticum officinale W. D. J. Koch - KTZ, W&W

Ligusticum filicinum S. Watson - Dorn01, IMF, KTZ, RH, UTF

[Ligusticum filicinum S Watson var filicinum] - HDH, exp.

Ligusticum porteri J. M. Coult. & Rose - Dorn01, IMF, SF!, UTF, W&W, E/W

[Ligusticum porteri J. M. Coult. & Rose var. porteri] - HDH, KTZ, RMC

[Ligusticum porteri Coutl. & Rose var. brevilobum (Rydb.) Mathias & Constance] - HDH, exp., KTZ <UT>

Ligusticum tenuifolium S. Watson - Dorn01, IMF, KTZ, SF!, UTF, W&W[1], E/W

[Ligusticum filicinum S. Watson var. tenuifolium (S. Watson) Mathias & Constance] - HDH, W&W

Lomatium

(Identification sources: _____)

Lomatium bicolor (Wats.) Coult. & Rose var. bicolor -WY checklist, KTZ

Lomatium bicolor (Wats.) Coult. & Rose var. leptocarpum (T. & G.) Schlessm. - WY checklist, KTZ

♦ Lomatium concinnum (Osterh.) Mathias - **ENDEMIC <CO>**, HDH, KTZ, SFW, W&W,W

Lomatium cous (Wats.) Coult. & Rose - Dorn01

[Lomatium circumdatum (S. Wats.) Coult. & Rose] - KTZ

[Lomatium montanum Coult. & Rose] - KTZ

Lomatium dissectum (Nutt.) Mathias & Constance var. multifidum (Nutt.) Mathias & Constance - Dorn01, HDH, IMF, KTZ, W&W, E/W

[Lomatium dissectum (Nutt.) Mathias & Constance] - SF!
[Lomatium dissectum (Nutt.) Mathias & Constance var. eatonii (J. M. J. M. Coult. & Rose) Cronquist] - IMF, UTF
[RH - not known whether this variety occurs in Colorado]

♦Lomatium eastwoodiae (J. M. Coult. & Rose) J. F. Macbr. - **ENDEMIC** <CO>, HDH, KTZ, W
[Aletes eastwoodiae (J. M. Coult & Rose) W. A. Weber] - SFW, W&W
[Lomatium parryi (S Watson) Macbr.] - IMF

Lomatium foeniculaceum (Nutt.) J. M. Coult. & Rose var. foeniculaceum - GPF, IMF, E/W
[Lomatium foeniculaceum (Nutt.) J. M. Coult. & Rose] - Dorn01, SFE, HDH
[Lomatium foeniculaceum (Nutt.) J. M. Coult. & Rose subsp. foeniculaceum] -KTZ, W&W
[Lomatium foeniculaceum (Nutt.) J. M. Coult. & Rose subsp. macdougalii (J. M. Coult. & Rose) Theobald] - KTZ, SFW, W&W
[Lomatium foeniculaceum (Nutt.) J. M. Coult. & Rose var. macdougalii (J. M. Coult. & Rose) Cronquist] - IMF, UTF

{Lomatium graveolens (S. Watson) Dorn & R. L. Hartm. var. graveolens} - Dorn01, IMF, KTZ <UT, WY>, W&W
{Lomatium nuttallii (A. Gray) Macbr.} - HDH, exp.

Lomatium grayi (J. M. Coult. & Rose) J. M. Coult. & Rose var. grayi - Dorn01, IMF, KTZ, W
[Lomatium grayi J. M. Coult. & Rose] - HDH, SFW, W&W

Lomatium juniperinum (M. E. Jones) J. M. Coult. & Rose - Dorn01, HDH, exp., IMF, KTZ, SFW, UTF, W&W,W

Lomatium latilobum (Rydb.) Mathias - HDH rep., IMF, KTZ, UTF, W
[Aletes latilobus (Rydb.) W. A. Weber] - SFW, W&W

Lomatium leptocarpum (Torr. & A. Gray) J. M. Coult. & Rose - Dorn01, HDH, IMF, W
[Lomatium bicolor (S. Watson) J. M. Coult. & Rose var. leptocarpum (Nutt.) Schlessm.] - SFW
[Lomatium bicolor (S. Watson) J. M. Coult. & Rose var. leptocarpum (Torr. & A. Gray) Schlessm.] - KTZ
[Lomatium bicolor (S. Watson) J. M. Coult. & Rose var. leptocarpum (Nutt. ex Torr. & A. Gray) Schlessm.] - W&W

Lomatium macrocarpum (Nutt. ex Torr. & A. Gray) J. M. Coult. & Rose - Dorn01, KTZ, W
[Lomatium macrocarpum (Hook. & Arn.) J. M. Coult & Rose] - GPF, HDH, SFW, UTF, W&W

Lomatium nuttallii (A. Gray) J. F. Macbr. - Dorn01, GPF, IMF, KTZ, E/W
[Aletes nuttallii (A. Gray) W. A. Weber] - SF!, W&W
[Lomatium megarrhizum (A. Nelson) Mathias]

Lomatium orientale J. M. Coult. & Rose - Dorn01, GPF, HDH, IMF; L. nevadense has priority, possibly conspecific, KTZ, SF!, &W, E/W
[Lomatium nevadense (S. Watson) J. M. Coult. & Rose] - UTF

Lomatium triternatum (Pursh) J. M. Coult. & Rose subsp. platycarpum (Torr.) Cronquist - IMF, SFW, UTF, W&W,W
[Lomatium triternatum (Pursh.) Coult. & Rose) var. platycarpum (Torr.) Boivin] - Dorn01
[Lomatium simplex (Nutt.) J. F. Macbr.] - HDH
[Lomatium simplex (Nutt.) J. F Macbr. var. simplex] - KTZ

Musineon divaricatum (Pursh) Nutt. ex Torr. & A. Gray - Dorn01, IMF, E
[Musineon divaricatum (Pursh) Nutt.] - GPF
[Musineon divaricatum (Pursh) Raf.] - SFE
[Musineon divaricatum (Pursh) Raf. var. divaricatum] - KTZ, W&W[1]
[Musineon divaricatum (Pursh) Nutt. ex Torr. & A. Gray var. divaricatum] - HDH, W&W
[Musineon divaricatum (Pursh) Raf. var. hookeri Torr. & A. Gray] - W&W[1]
[Musineon divaricatum (Pursh) Raf. var. hookeri (Torr. & A. Gray) Mathias] - KTZ
[Musineon divaricatum (Pursh) Nutt. ex Torr. & A. Gray var. hookeri Torr. & A. Gray] - HDH, W&W

Musineon tenuifolium Nutt. ex Torr. & A. Gray - Dorn01, HDH, E
[Aletes tenuifolius (Nutt.) W. A Weber] - SFE

[Aletes tenuifolius (Nutt. ex Torr. & A. Gray) W. A. Weber] -W&W
[Musineon tenuifolium Nutt.] - GPF
[Musineon tenuifolium (Nutt.) J. M. Coult. & Rose
[Musineon tenuifolium (Nutt. ex Torr. & A. Gray) J. M. Coult. & Rose] - KTZ

♦ Neoparrya lithophila Mathias - **ENDEMIC <CO, NM>**, KTZ, RH, E
[Aletes lithophilus (Mathias) W. A. Weber] - SFE, W&W

Oreoxis (see **Cymopterus**)

Orogenia linearifolia S. Watson - Dorn01, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
[Orogenia linearifolia S. Watson var. lata Payson] - SFW

Osmorhiza chilensis Hook. & Arn. - GPF, HDH, IMF, SF!, UTF, W&W, Lowry84, E/W
[Osmorhiza berteroi DC.] - Dorn01, KTZ
Osmorhiza depauperata Phil. - Dorn01, GPF, IMF, KTZ, SF!, UTF, W&W, E/W
[Osmorhiza obtusa (J M Coult. & Rose) Fernald] - HDH
Osmorhiza longistylis (Torr.) DC. - Dorn01, HDH, KTZ, SFE, W&W, E
[Osmorhiza longistylis (Torr.) DC. var. longistylis] - GPF
Osmorhiza occidentalis (Nutt. ex Torr. & A. Gray) Torr. - Dorn01, IMF, KTZ, E/W
[Osmorhiza occidentalis (Nutt.) Torr.] - HDH, SF!, UTF, W&W

Oxypolis fendleri (A. Gray) A. Heller - Dorn01, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

* Pastinaca sativa L. - Dorn01, GPF, HDH, IMF, KTZ, SF!, W&W, E/W
[Pastinaca sativa L. subsp. sativa] - UTF
[Pastinaca sativa L. var. sativa]

Perideridia montana (Blank.) Dorn - Dorn01, IMF, E/W
[Perideridia gairdneri (Hook. & Arn.) Mathias] - GPF, HDH
[Perideridia gairdneri (Hook. & Arn.) Mathias subsp. borealis T. I. Chuang & Constance] - KTZ, SF!, UTF, W&W

Podistera eastwoodiae (J. M. Coult. & Rose) Mathias & Constance - HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Pseudocymopterus (see **Cymopterus**)

Pteryxia (see **Cymopterus**)

{Sanicula canadensis L.} - HDH, exp.,
{Sanicula canadensis L. var. canadensis} - KTZ <KS, NE, OK, WY>
Sanicula marilandica L. - Dorn01, GPF, HDH, KTZ, SF!, W&W, E/W

Sium suave Walter - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Spermolepis divaricata (Walt.) Raf. ex Ser. - KTZ, M&H

Zizia aptera (A. Gray) Fernald - Dorn01, GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E
{Zizia aurea (L.) W. D. J. Koch} - HDH, exp., KTZ <KS, NE, OK>

Apocynaceae - APO (including Asclepiadaceae)

(Identification sources: _____)

Amsonia jonesii Woodson - HDH, IMF, KTZ, SFW, UTF, W&W, W

Apocynum androsaemifolium L. - Dorn01, GPF, KTZ, SF!, W&W, E/W
- [Apocynum androsaemifolium L. var. androsaemifolium] - HDH, IMF, UTF
- [Apocynum androsaemifolium L. var. glabrum Macoun] - HDH
- [Apocynum androsaemifolium L. var. incanum A. DC]

Apocynum cannabinum L. - GPF, KTZ, SF!, UTF, W&W, E/W
- [Apocynum cannabinum L. var. cannabinum] - Dorn01, IMF
- [Apocynum cannabinum L. var. glaberrimum A. DC.] - HDH, IMF
- [Apocynum cannabinum L. var. pubescens (R. Br.) A. DC.] - HDH, exp.
- [Apocynum sibericum Jacq.] - UTF, W&W[1]
- [Apocynum sibericum Jacq. var. salignum (Greene) Fernald] - HDH, IMF
- [Apocynum sibericum Jacq. var. sibericum] - HDH, exp.
- [Apocynum suksdorfii Greene] - HDH

Apocynum X floribundum Greene - GPF, IMF, KTZ, E/W
- [Apocynum androsaemifolium X A. cannabinum] - KTZ
- [Apocynum medium Greene] - W&W
- [Apocynum X medium Greene] - SF!, UTF, W&W
- [Apocynum medium Greene var floribundum (Greene) Woodson] - HDH
- [Apocynum medium Greene var. lividum (Greene) Woodson] - HDH

Asclepias

Asclepias arenaria Torr. - Dorn01, GPF, HDH, KTZ, SFE, W&W, E

Asclepias asperula (Decne.) Woodson var. asperula - GPF, IMF, UTF, E/W
- [Asclepias asperula Woodson] - SFW
- [Asclepias asperula (Decne.) Woodson] - SFE
- [Asclepias asperula (Decne.) Woodson subsp. asperula] - KTZ, W&W
- [Asclepias asperula (Decne.) Woodson subsp. capricornu (Woodson) Woodson] - W&W, err. rep.
- [Asclepias capricornu Woodson subsp. capricornu] - HDH
- [Asclepias capricornu Woodson subsp. occidentalis Woodson] - HDH

{Asclepias brachystephana Engelm.} - HDH, exp.
- {WJ - does not occur north of about latitude 34° [e.g., ca. Socorro, NM]}
- {Asclepias brachystephana Engelm. ex Torr.} - KTZ <AZ, NM>, W&W[1], misid

Asclepias cryptoceras S. Watson var. cryptoceras - Dorn01, IMF, UTF, W
- [Asclepias cryptoceras S. Watson] - HDH, SFW, W&W
- [Asclepias cryptoceras S. Watson subsp. cryptoceras] - KTZ

Asclepias engelmanniana Woodson - Dorn01, GPF, HDH, IMF, KTZ, SFE, W&W, E
- [NS - Arnold Clifford believes this is the same species as A. rusbyi (an older name), which has been followed by UT3. Somebody needs to check type specimens of each name.]

Asclepias hallii A. Gray - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Asclepias incarnata L. var. incarnata - E
- [Asclepias incarnata L.] - Dorn01, GPF, HDH, IMF, SFE, UTF, W&W
- [Asclepias incarnata L subsp incarnata] - KTZ

Asclepias involucrata Engelm. ex Torr. - IMF, KTZ, UTF, W&W, E
- [Asclepias involucrata Engelm.] - GPF, HDH, SFE

Asclepias latifolia (Torr.) Raf. - GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E

Asclepias macrosperma Eastw. - IMF, SFW, UTF, W&W, W

[Asclepias involucrata Engelm.] - KTZ
Asclepias macrotis Torr. - GPF, HDH, KTZ, SFE, W&W, E
Asclepias oenotheroides Cham. & Schltdl. - GPF, KTZ, SFE, W&W, E
Asclepias pumila (A. Gray) Vail - GPF, HDH, KTZ, SFE, W&W, E
Asclepias rusbyi (Vail) Woodson - UT3, CC & WJ, IMF, KTZ, UTF, W&W[1]; COLO, RM
Asclepias speciosa Torr. - Dorn01, KTZ
[Asclepias giffordii Eastw.] – KTZ
Asclepias stenophylla A. Gray - GPF, HDH, KTZ, SFE, W&W, E
Asclepias subverticillata (A. Gray) Vail - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Asclepias tuberosa L. var. interior (Woodson) Shinners - IMF, E/W
[Asclepias tuberosa L. subsp. interior Woodson] - GPF, HDH, KTZ, W&W, err. rep.
[Asclepias tuberosa L. subsp. terminalis Woodson] - GPF, SF!, UTF, W&W
Asclepias uncialis Greene - Dorn01, GPF, HDH, SFE, W&W, E
[Asclepias uncialis Greene subsp. uncialis] - KTZ
{Asclepias verticillata L.} - HDH rep., KTZ, W&W, err. rep.
Asclepias viridiflora Raf. - GPF, HDH, KTZ, SFE, W&W, E

Funastrum crispum (Benth.) Schltdl. - KTZ, W&W[1], Liede96, E
[Sarcostemma crispum Benth.] - GPF, HDH, SFE, W&W

Sarcostemma (see **Funastrum**)

Araceae - ARA (see also **ACO**)

(Identification sources: _____)

Lemna gibba L. - Dorn01 (reported), FNA, GPF, HDH, IMF, KTZ, UTF, W&W
Lemna minor L. - FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Lemna minuta Kunth - Dorn01, FNA, IMF, KTZ, UTF, E/W
[Lemna minima Phillipi] HDH, exp.
[Lemna minor L.] - RMC
[Lemna minuscula Herter] - SF!, W&W
Lemna trisulca L. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Lemna turionifera Landolt - Dorn01, FNA, GPF, KTZ, SF!, W&W, E/W
[Lemna minor L.] - RMC
Lemna valdiviana Phil. - FNA, GPF, HDH, IMF, KTZ, UTF, W&W

✣ Pistia stratiotes L. - FNA, Snow04b

✣ Spirodela polyrhiza (L.) Schleid. - Dorn01, FNA, HDH, IMF, SFE, UTF, W&W, E/W
[Spirodela polyrrhiza (L.) Schleid.] - GPF, KTZ
[Spirodela polyrhiza Schleid.] - SFW

Wolffia borealis (Engelm.) Landolt - FNA, GPF, SFE, W&W, E
[Wolffia borealis (Engelm. ex Hegelm.) Landolt] -
[Wolffia borealis (Engelm. ex Hegelm.) Landolt ex Landolt & Wildi] - KTZ
[Wolffia punctata Griseb.] - IMF, UTF, W&W[1], misapp.
Wolffia columbiana H. Karst. - FNA, GPF, IMF, KTZ, SFE, W&W, E

Araliaceae - ARL

Aralia nudicaulis L. - Dorn01, GPF, HDH, KTZ, SF!, W&W, E/W
Aralia racemosa L. subsp. bicrenata (Woot. & Standl.) S. L. Welsh & Atwood - KTZ, SF!, UTF, WJ, W&W[1]; Wen98, E/W
[Aralia racemosa L. - GPF, HDH, exp., IMF, SF!, W&W
[Aralia racemosa L. subsp. racemosa] - W&W[1]

Asclepiadaceae - (see **APO**)

Asparagaceae - ASG (including **Anthericaceae** and parts of **LIL**)

(Identification sources: _____)

Asparagus officinalis L. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Echeandia (see **ATH**)

Leucocrinum (see **ATH**)

Maianthemum (see **RUS**)

Nolina (see **RUS**)

Asteraceae - AST (= **Compositae**)

(Identification sources: _____)

Acanthoxanthium (see **Xanthium**)

✣ Achillea filipendulina Lam. - KTZ <UT>
[WJ - Escaped cultivation and persisting in Idaho Springs CO area, also at Evergreen exit in Jefferson Co. on I-70, and scattered along roadsides in Boulder Co.]
Achillea millefolium L. var. lanulosa (Nutt.) Piper - Dorn01, IMF, E/W
[Achillea lanulosa Nutt.] - SF!, W&W
[Achillea lanulosa Nutt. subsp. alpicola (Rydb.) D. D. Keck] - HDH
[Achillea lanulosa Nutt. subsp. lanulosa] - HDH
[Achillea millefolium L.] - FNA, HDH, SF!, W&W, W&W[1]
[Achillea millefolium L. subsp. lanulosa (Nutt.) Piper] - GPF, UTF
[Achillea millefolium L. var. alpicola (Rydb.) Garrett] - IMF, KTZ
[Achillea millefolium L. var. occidentalis DC.] - KTZ
✻ Achillea ptarmica L. - FNA
[NS - uncertain whether persisting in our area outside of cultivation]

Acosta (see **Centaurea**)

Acourtia nana (Gray) Reveal & King KWA, KTZ
[Perezia nana Gray] KTZ, M&H

* Acroptilon repens (L.) DC. - FNA, KTZ, SF!, W&W
[Centaurea picris Pall] - HDH
[Centaurea repens L.] - GPF, HDH, IMF, UTF, E/W

{Ageratina havanensis (Kunth). R. M. King & H. Rob.} - KTZ <TX>
{Eupatorium havanensis Kunth}
{Eupatorium texense (Torr. & A. Gray) Rydb } - HDH, rep.
Ageratina herbacea (A. Gray) R. M. King & H. Rob. - FNA, KTZ, SF!, W&W
[Eupatorium herbaceum (A Gray) Greene] - HDH, IMF, SF!, UTF, E/W
[Ageratina occidentalis (Hook.) R. M. King & H. Rob.] - W&W[1], err.rep.

Agoseris

(Identification sources: _____)

Agoseris aurantiaca (Hook.) Greene var. aurantiaca - FNA, IMF, KTZ, SF!, UTF, E/W
[Agoseris arizonica Greene] - HDH
[Agoseris aurantiaca (Hook) Greene] - GPF, HDH, W&W
[Agoseris rostrata Rydb] - HDH
Agoseris aurantiaca (Hook.) Greene var. purpurea (A. Gray) Cronquist - FNA, HDH, IMF, KTZ, SF!, UTF, E/W
[Agoseris aurantiaca (Hook.) Greene] - GPF, W&W
{Agoseris elata (Nutt.) Greene} - HDH, KTZ, W&W, misapp.
Agoseris glauca (Pursh) Raf. var. dasycephala (Torr. & A. Gray) Jeps. - Dorn01, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Agoseris glauca (Pursh) Raf. var. glauca - Dorn01, FNA, IMF, KTZ, UTF, W&W, E/W
[Agoseris glauca (Pursh) Raf.] - GPF, SF!
[Agoseris glauca (Pursh) Raf. var. agrestis (Osterh.) Q. Jones] - UTF
[Agoseris glauca (Pursh) Raf. var. agrestis (Osterh.) Q. Jones ex Cronquist] - IMF, KTZ, W&W
Agoseris graminifolia Greene - KWA, M&H
[Agoseris aurantiaca (Hook) Greene var aurantiaca] - KTZ
Agoseris heterophylla (Nutt.) Greene var. heterophylla - KTZ, W
[Agoseris heterophylla (Nutt.) Greene] - IMF, SFW, UTF, W&W
Agoseris parviflora (Nutt.) D. Dietrich - FNA
[Agoseris caudata Greene] - FNA
[Agoseris dens-leonis Greene] - FNA
[Agoseris glauca (Pursh) Raf. var. laciniata (D. C. Eaton) Smiley] - HDH, IMF, KTZ, SF!, UTF, W&W, E/W
[Agoseris glauca (Pursh) Raf. var. laciniata (D. C. Eaton) Kuntze] - FNA
[Agoseris glauca (Pursh) Raf. var. parviflora (Nutt.) Rydb.] - HDH
[Agoseris rosea (Nutt.) D. Dietrich] - FNA
[Agosris taraxacoides Greene] - FNA
[Agoseris tomentosa Howell] - FNA
[Troximon parviflorum Nutt.] - FNA

Almutaster pauciflorus (Nutt.) A. Löve & D. Löve - Dorn01, KTZ, W&W
[Aster pauciflorus Nutt.] - GPF, HDH, IMF, UTF, E/W
[Almutaster pauciflorus (Nutt.) A. Löve] - FNA, SF!

Amauriopsis dissecta (A. Gray) Rydb. - FNA
[Amauria dissecta A Gray] - FNA
[Bahia dissecta (A. Gray) Britton] - Dorn01, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Ambrosia

(Identification sources: _____)

Ambrosia acanthicarpa Hook. - Dorn01, FNA, GPF, IMF, KTZ, SF!, UTF, W&W, E/W
[Franseria acanthicarpa (Hook) Coville] - FNA, HDH
✣ Ambrosia artemisiifolia L. - Dorn01, FNA, GPF, IMF, UTF, E
[Ambrosia artemisiifolia L. var. elatior (L.) Desc.] - KTZ, SFE, W&W
[Ambrosia elatior L.] - HDH
Ambrosia confertiflora DC. - FNA, GPF, IMF, KTZ, SFE, UTF, W&W, E
[Franseria confertiflora (DC.) Rydb.] - HDH
Ambrosia grayi (A. Nelson) Shinners - FNA, GPF, KTZ, SFE, W&W, E
[Franseria tomentosa A. Gray] - HDH, W&W, non Nutt.
[Gaertneria grayi A Nelson] - FNA
♦ Ambrosia linearis (Rydb.) W. W. Payne - **ENDEMIC** **<CO>**, FNA, GPF, KTZ, SFE, W&W, E
[Franseria linearis Rydb.] - HDH
[Gaertneria linearis Rydb.] - FNA
Ambrosia psilostachya DC. - Dorn01, FNA, GPF, IMF, KTZ, UTF, E/W
[Ambrosia coronopifolia Torr. & A. Gray] - HDH
[Ambrosia psilostachya DC. var. coronopifolia (Torr. & A Gray) Farw.] - SF!, W&W
Ambrosia tomentosa Nutt. - Dorn01, FNA, GPF, IMF, KTZ, SF!, UTF, W&W, E/W
[Franseria discolor Nutt.] - HDH
Ambrosia trifida L. - HDH, SF!, UTF, W&W
[Ambrosia aptera DC.] -KWA, KTZ, M&H
[Ambrosia trifida var. aptera (DC.) Kuntze] - KTZ
[Ambrosia trifida var. texana Scheele] - KWA, KTZ
[Ambrosia trifida L. var. trifida] - GPF, IMF, KTZ, E/W

Anaphalis margaritacea (L.) Benth. & Hook. - Dorn01, FNA, GPF, HDH, IMF, SF!, UTF, W&W, E/W
[Anaphalis margaritacea (L.) Benth.] - KTZ
[Anaphalis margaritaceum (L.) Benth. var. occidentalis Greene] - FNA
[Anaphalis margaritaceum (L.) Benth. var. subalpina (A. Gray) A. Gray] - FNA
[Gnaphalium margaritaceum L.] - FNA

Antennaria

(Identification sources: _____)

Antennaria anaphaloides Rydb. - Dorn01, FNA, GPF, HDH, IMF, KTZ, UTF, E/W
[Antennaria pulcherrima (Hook.) Greene subsp. anaphaloides (Rydb) W A. Weber] - SF!, W&W
[Antennaria pulcherrima (Hook.) Greene var anaphaloides (Rydb) G. W. Douglas] - FNA
Antennaria corymbosa E. Nelson - Dorn01, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
[Antennaria acuta Rydb.] - FNA
[Antennaria dioica (L.) Gaert. var. corymbosa (E. E. Nelson) Jepson] - FNA
[Antennaria hyrgophila Greene] - FNA
[Antennaria nardina Greene] - FNA
Antennaria dimorpha (Nutt.) Torr. & A. Gray - FNA, Dorn01, HDH, KTZ, SFW, W&W, W
[Gnaphalium dimorphum Nutt.] - FNA
[Antennaria dimorpha Nutt. var. integra L. F. Henderson] - FNA

[Antennaria dimorpha Nutt. var. macrocephala D. C. Eat.] - FNA
[Antennaria dimorpha Nutt. var. nuttallii D. C. Eat.] - FNA
[Antennaria latisquama Piper] - FNA
[Antennaria macrocephala (D. C. Eat.) Rydb.] - FNA

Antennaria howellii Greene subsp. howellii - FNA, KTZ
[Antennaria callilepis Greene] - FNA
[Antennaria exima Greene] - FNA
[Antennaria neglecta var. canadensis (Greene) Cronq.] - KTZ
[Antennaria neglecta var. randii (Fern.) Cronq.] - KTZ
[Antennaria neodioica subsp canadensis (Greene) Bayer & Stebbins] - KTZ
[Antennaria neodioica var randii (Fern.) Boivin] - KTZ
[Antennaria randii Fern.] - KTZ
[Antennaria spathulata (Fern) Fern] - KTZ

Antennaria howellii Greene subsp. neodioica (Greene) R. J. Bayer - FNA
[Antennaria neodioica Greene] - FNA
[Antennaria alsinoides Greene] - FNA
[Antennaria grandis (Fernald) House] - FNA
[Antennaria neglecta var. neodioica (Greene) Cronq.] - FNA
[Antennaria neodioica Greene var. attenuata Fernald] - FNA
[Antennaria neodioica Greene var. chlorophylla Fernald] - FNA
[Antennaria neodioica Green var. grandis Fernald] - FNA
[Antennaria neodioica Green var. interjecta Fernald] - FNA
[Antennaria neodioica Green var. rupicola (Fernald) Fernald] - FNA
[Antennaria obovata E. E. Nelson] - FNA
[Antennaria rupicola Fernald] - FNA

Antennaria howellii Greene subsp. petaloidea (Fern.) R. Bayer - FNA, KTZ
[Antennaria callilepis Greene] - KTZ
[Antennaria eximia Greene] - KTZ
[Antennaria neglecta subsp. howellii (Greene) Hultén] - KTZ
[Antennaria neglecta var. howellii (Greene) Cronq.] - KTZ
[Antennaria neodioica subsp. howellii (Greene) Bayer] - KTZ

Antennaria lanata (Hook.) Greene - FNA
[Antennaria carpatica (Wahlenberg) Hook. var. lanata Hook.] - FNA

Antennaria luzuloides Torr. & A. Gray subsp. luzuloides - FNA, KTZ
[Antennaria luzuloides Torr. & A Gray]- Dorn01, HDH, SF!, UTF, W&W, E/W
[Antennaria luzuloides Torr. & A Gray var. luzuloides] - IMF
[Antennaria luzuloids Torr & A Gray var. oblanceolata (Rydb.) M. Peck] - FNA
[Antennaria oblanceolata Rydb] - HDH

Antennaria marginata Greene - FNA, IMF, KTZ, SF!, W&W, E/W
[Antennaria dioica (L.) Gaert. var. marginata (Greene) Jepson] - FNA
[Antennaria fendleri Greene] - FNA
[Antennaria marginata Greene var. glandulifera A. Nelson] - FNA
[Antennaria neglecta Greene] - HDH
[Antennaria peramoena Greene] - FNA

Antennaria media Greene - Dorn01, FNA, HDH, IMF, KTZ, SF!, W&W, E/W
[Antennaria alpina (L.) Gaertn.] - HDH, W&W[1], misapp.
[Antennaria alpina (L) Gaertn var media (Greene) Jeps] - UTF
[Antennaria austromontana E E. Nelson] - FNA
[Antennaria candida Greene] - FNA
[Antennaria densa Greene] - FNA
[Antennaria modesta Greene] - FNA
[Antennaria mucronata E. E. Nelson] - FNA

Antennaria microphylla Rydb. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!,UTF, W&W, E/W
[Antennaria bracteosa Rydb.] - FNA
[Antennaria microphylla Lunell var. solstitialis Lunell] - FNA

[Antennaria nitida Greene] - FNA
[Antennaria rosea Greene var. nitida (Greene) Breitung] - FNA
[Antennaria solstitialis Lunell] - FNA

Antennaria neglecta Greene - Dorn01, FNA, GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E

[Antennaria athabascensis Greene] - FNA
[Antennaria campestris Rydb] - FNA
[Antennaria campestris Rydb. var athabascensis (Greene) B Boivin] - FNA
[Antennaria chelonica Lunell] - FNA
[Antennaria erosa Greene] - FNA
[Antennaria howellii Greene] - SFE
[Antennaria howellii Greene var athabascensis (Greene) B Boivin] - FNA
[Antennaria howellii var. campestris (Rydb) B. Boivin] - FNA
[Antennaria howellii Greene subsp. neodioica (Greene) R. J Bayer] - KTZ, W&W
[Antennaria longifolia Greene] - FNA
[Antennaria lunellii Greene] - FNA
[Antennaria nebrascensis Greene] - FNA
[Antennaria neglecta Greene var. athabascensis (Greene) Roy L. Taylor & MacBryde] - FNA
[Antennaria neglecta Greene var. campestris (Rydb.) Steyermark] - FNA
[Antennaria neglecta Greene var. simplex Peck] - FNA
[Antennaria obovata E. Nelson] - HDH
[Antennaria parvula Greene] - FNA
[Antennaria wilsonii Greene] - FNA

Antennaria parvifolia Nutt. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

[Antennaria aprica Greene] - FNA
[Antennaria aprica Greene var. aureola (Lunell) J. W. Moore] - FNA
[Antennaria aprica Greene var. minuscula (B. Boivin) B. Boivin] - FNA
[Antennaria arueola Lunell] - FNA
[Antennaria dioica (L.) Gaert. var. parvifolia (Nutt.) Torr. & A Gray] - FNA
[Antennaria latisquamea Greene] - FNA
[Antennaria minuscula B Boivin] - FNA
[Antennaria recurva Greene] - FNA
[Antennaria rhodantha Suksdorf] - FNA

Antennaria pulcherrima (Hook.) Greene subsp. pulcherrima - FNA, W&W

[Antennaria pulcherrima (Hook.) Greene] - HDH, exp., IMF, KTZ, UTF

Antennaria rosea Greene subsp. arida (E. E. Nelson) R. J. Bayer - FNA, KTZ

[Antennaria arida E E. Nelson] - FNA
[Antennaria arida E. E. Nelson subsp viscidula E E Nelson] - FNA
[Antennaria scariosa E. E. Nelson] - FNA
[Antennaria viscidula (E. E. Nelson) A. Nelson ex Rydb] - FNA

Antennaria rosea Greene subsp. confinis (Greene) R. J. Bayer - FNA, KTZ

[Antennaria confinis Greene] - FNA
[Antennaria affinis Fernald] - FNA
[Antennaria albicans Fernald] - FNA
[Antennaria angustifolia Rydb.] - FNA
[Antennaria arida E. E. Nelson var. humilis (Rydb.) E. E. Nelson] - FNA
[Antennaria breitungii A. E. Porsild] - FNA
[Antennaria brevistyla Fernald] - FNA
[Antennaria concinna E. E. Nelson] - FNA
[Antennaria dioica (L.) Gaert. var. kernensis Jepson] - FNA
[Antennaria elegans A. E. Porslid] - FNA
[Antennaria foliacea Greene var. humilis Rydb.] - FNA
[Antennaria incarnata A. E. Porsild] - FNA
[Antennaria laingii A. E. Porsild] - FNA
[Antennaria leontopodioides Cody] - FNA
[Antennaria leuchippii Porslid] - FNA
[Antennaria polyphylla Greene ex C. F. Baker (nom nud.)] - FNA

[Antennaria rosea var. angustifolia (Rydb.) E. E. Nelson] - FNA
[Antennaria sedoides Greene] - FNA
[Antennaria sordida Greene] - FNA
[Antennaria subiscosa Fernald] - FNA
[Antennaria tomentella E. E. Nelson] - FNA

Antennaria rosea Greene subsp. pulvinata (Greene) R. J. Bayer - FNA
[Antennaria tomentella Greene] - FNA
[Antennaria albescnes (E E. Nelson) Rydb] - FNA
[Antennaria fusca E. E. Nelson] - FNA
[Antennaria gaspensis (Fernald) Fernald] - FNA
[Antennaria howelii Greene subsp gaspensis (Fernald Chmielewski] - FNA
[Antennaria isolepis Greene] - FNA
[Antennaria maculata Greene] - FNA
[Antennaria manicouagana P. Landry] - FNA
[Antennaria media Greene subsp. fusca (E. E. Nelson) Chmielewski] - FNA
[Antennaria neglecta Greene var. gaspensis Fernald] - FNA
[Antennaria neodioica Greene var. gaspensis Fernald] - FNA
[Antennaria peasei Fernald] - FNA
[Antennaria pulvinata Greene subsp. albescens E. E. Nelson] - FNA
[Antennaria sansonii Greene] - FNA
[Antennaria straminea Fernald] - FNA

Antennaria rosea Greene subsp. rosea - FNA
[Antennaria acuminata Greene] - FNA
[Antennaria alborosea A. E. Porsild] - FNA
[Antennaria chlorantha Greene] - FNA
[Antennaria formosa Greene] - FNA
[Antennaria hendersonii Piper] - FNA
[Antennaria imbricata E E. Nelson] - FNA
[Antennaria lanulosa Greene] - FNA
[Antennaria neodioica Greene var. chlorantha (Greene) B Boivin] - FNA
[Antennaria oxyphylla Greene] - FNA
[Antennaria rosea subsp. divaricata E. E. Nelson] - FNA
[Antennaria speciosa E. E. Nelson] - FNA

Antennaria rosulata Rydb. - FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
[Antennaria sierrae-blancae Rydb.] - FNA

Antennaria umbrinella Rydb. - Dorn01, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
[Antennaria aizoides Greene] - FNA
[Antennaria alpina L.] - HDH, W&W[1], misapp.
[Antennaria flavescens Rydb.] - FNA
[Antennaria reflexa E Nelson] - FNA, HDH

* Anthemis arvensis L. - Dorn01, FNA, HDH, KTZ, SF!, W&W, E/W
[Anthemis arvensis L. var. agrestis (Wallr.) DC. - GPF

* Anthemis cotula L. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

* Anthemis tinctoria L. - Dorn01, GPF, IMF, KTZ, SFW, UTF, W&W[1],W
[Cota tinctoria (L.) J. Gay ex Gussone] - FNA

* Arctium lappa L. - Dorn01, FNA, GPF, IMF, KTZ, SF!, UTF, W&W, E/W

* Arctium minus Bernh. - Dorn01, FNA, GPF, KTZ, E/W
[Arctium minus (Hill) Bernh] - HDH, IMF, SF!, UTF, W&W

* Arctium tomentosum Mill. - FNA, GPF, KTZ, SFE, W&W, E

Arida parviflora (A. Gray) D. R. Morgan & R. L. Hartman - FNA
[Machaeranthera parviflora A. Gray] - FNA

Arnica

(Identification sources: _____)

Arnica angustifolia Vahl subsp. tomentosa (Macoun) G. W. Douglas & G. Ruyle-Douglas - KTZ, W
[Arnica angustifolia Vahl vart. tomentosa (Macoun) Dorn] - Dorn01
[Arnica alpina (L.) Olin subsp. tomentosa (Macoun) Maguire] - SFW
[Arnica alpina (L.) Olin & Ladau subsp. tomentosa (Macoun) Maguire] - W&W
Arnica chamissonis Less. - FNA
[Arnica chamissonis Less. var. andina (Nutt.) Ediger & T. M. Barkley] - UTF
[Arnica chamissonis Less. subsp. foliosa (Nutt.) Maguire] - HDH, SF!, W&W
[Arnica chamissonis Less. subsp. foliosa (Nutt.) Maguire var. andina (Nutt.) Ediger & T. M. Barkley] - KTZ
[Arnica chamissonis Less. subsp. foliosa (Nutt) Maguire var foliosa] - IMF
[Arnica chamissonis Less var foliosa (Nutt) Maguire] - Dorn01, UTF, E W
Arnica cordifolia Hook. - Dorn01, FNA, GPF, HDH, KTZ, SF!, UTF, W&W, E/W
[Arnica cordifolia Hook subsp cordifolia] - HDH
[Arnica cordifolia Hook. var. cordifolia] – IMF
[Arnica paniculata A. Nels] - HDH, exp.
Arnica fulgens Pursh - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Arnica gracilis Rydb. - FNA, HDH, exp., KTZ, RMC
[Arnica latifolia Bong. var. gracilis (Rydb.) Cronquist] - IMF, UTF
Arnica lanceolata Nutt. subsp. prima (Maguire) Strother & S. J. Wolf - FNA
[Arnica amplexicaulis Nutt.] - Dorn01
[Arnica amplexicaulis subsp genuina Maguire] - KTZ
[Arnica amplexicaulis subsp prima (Maguire) Maguire] - KTZ
[Arnica amplexicaulis var piperi St. John & Warren] - KTZ
[Arnica amplexicaulis var prima (Maguire) Boivin] - KTZ
[Arnica amplexifolia Rydb.] - KTZ
[Arnica mollis var. aspera (Greene) Boivin] - KTZ
Arnica latifolia Bong. - FNA, HDH, KTZ, SF!, W&W, E/W
[Anica latifolia Bong. var. latifolia] - Dorn01, IMF, UTF
Arnica longifolia D. C. Eaton - Dorn01, FNA, KTZ, SF!, W&W, E/W
[Arnica longifolia D. C. Eaton subsp longifolia] - HDH, IMF
[Arnica longifolia D. C. Eaton var. longifolia] - UTF
Arnica mollis Hook. - Dorn01, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Arnica ovata Greene - FNA
[Arnica diversifolia Greene] - KTZ <UT>, UTF <CO>
[Arnica latifolia Bongard var. viscidula A. Gray] - FNA
Arnica parryi A. Gray - Dorn01, FNA, SF!, UTF, W&W
[Arnica parryi A. Gray var. parryi] - IMF, E/W
[Arnica parryi A. Gray subsp. parryi] - HDH, KTZ
Arnica rydbergii Greene - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Arnica sororia Greene - FNA, KTZ, Dorn01
[Arnica fulgens var. sororia (Greene) G.W. Douglas & G. Ruyle-Douglas] - KTZ

Artemisia

(Identification sources: _____)

* Artemisia abrotanum L. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

✻ Artemisia absinthium L. - FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

✻ Artemisia annua L. - FNA, GPF, IMF, KTZ, SFE, UTF, W&W, E

[Artemisia chamomilla C. Winkler] - FNA

Artemisia arbuscula Nutt. var. arbuscula - FNA, W

[Artemisia arbuscula Nutt.] - IMF, UTF

[Artemisia arbuscula Nutt. subsp. arbuscula] - KTZ

[Artemisia tridentata Nutt. subsp. arbuscula (Nutt.) H. M. Hall & Clem.] - HDH

[Seriphidium arbusculum (Nutt.) W. A. Weber] - SFW

[Seriphidium arbusculum (Nutt.) W. A. Weber subsp. arbusculum] - W&W

Artemisia arbuscula Nutt. var. longiloba (Osterh.) Dorn - E, FNA

[Artemisia arbuscula Nutt.] - IMF

[Artemisia arbuscula Nutt. subsp. longiloba (Osterh.) L. Shultz] - KTZ

[Artemisia longiloba (Osterh.) Beetle] - FNA, UTF

[Artemisia spciformis Osterh. var. longiloba Osterh.] - FNA

[Seriphidium arbusculum (Nutt.) W. A. Weber subsp. longilobum (Osterh.) W. A. Weber] - FNA, SFE, W&W

✣ Artemisia biennis Willd. var. biennis - KTZ, E/W

[Artemisia biennis Willd.] - FNA, GPF, HDH, IMF, SF!, UTF, W&W

♦ Artemisia biennis Willd. var. diffusa Dorn - **ENDEMIC** <WY>, Dorn01, KTZ

Artemisia bigelovii A. Gray - FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

[Artemisia petrophila Wooton & Standl.] - FNA

[Seriphidium bigelovii (A. Gray) K. Bremer & Humphries] - FNA

Artemisia borealis Pallas subsp. borealis - FNA

[Artemisia campestris L. subsp. borealis (Pallas) H. M. Hall & Clements] - FNA

[Artemisia campestris L. var. spithamaea Pursh) M. Peck] - FNA

[Artemisia campestris L. var. strutziae S. L. Welsh] - FNA

[Artemisia purshii Besser] - FNA

[Artemisia spithamaea Pursh] - FNA

[Oligosporus groenlandicus (Hornemann) A. Löve & D. Löve] - FNA

Artemisia campestris L. var. caudata (Michx.) Palmer & Steyerm. - Dorn01, KTZ, E

[Artemisia campestris L. subsp. caudata (Michx.) H. M. Hall & Clem.] - FNA, GPF, KTZ

[Artemisia caudatus Michx.] - HDH

[Artemisia forwoodii A. Gray] - FNA

[Oligosporus caudatus (Michx.) Poljakov] - SFE, W&W

Artemisia campestris L. var. pacifica (Nutt.) M. Peck - E/W

[Artemisia campestris L. subsp. borealis (Pall.) H. M. Hall & Clem. var. scouleriana (Benth.) Cronquist] - UTF

[Artemisia campestris L. subsp. borealis (Pall.) H. M. Hall & Clem. var. scouleriana (Hook.) Cronquist] - KTZ

[Artemisia campestris L. subsp. pacificus (Nutt.) H. M. Hall & Clem.] - FNA

[Artemisia campestris var. petiolata S. L. Welsh] - FNA

[Artemisia campestris L. var. scouleriana (Besser) Cronquist] - IMF, RMC

[Artemisia desertorum Sprengel var. scouleriana (Besser) Cronquist] - FNA

[Artemisia pacifica Nutt.] - FNA, HDH

[Oligosporus campestris (L.) Cassini subsp. pacificus(Nutt.) W. A. Weber] - FNA

[Oligosporus pacificus (Nutt.) Poljakov] - FNA, SF!, W&W

Artemisia campestris L. var. purshii (Hook.) Cronquist - E/W

[Artemisia borealis Pall.] - HDH, rep.

[Artemisia campestris L. subsp. borealis (Pall.) var. borealis (Pall.) H. M. Hall & Clem.] - KTZ

[Artemisia campestris L. subsp. borealis Pall. var. purshii (Hook.) Cronquist] - IMF

[Artemisia campestris L. subsp. borealis (Pall.) H. M. Hall & Clem. var. purshii (Hook.) Cronquist]

[Artemisia spithamaea Pursh] - HDH

[Oligosporus groenlandicus (Hornem.) A. Löve & D. Löve] - SF!, W&W

Artemisia cana Pursh var. cana - Dorn01, E/W

[Artemisia cana Pursh] - GPF, HDH, IMF

[Artemisia cana Pursh subsp. cana] - FNA, KTZ

[Artemisia columbiensis Nutt.] - FNA

[Seriphidium canum (Pursh) W. A. Weber] - SF!, W&W

Artemisia cana Pursh var. viscidula Osterh. - Dorn01, UTF, E/W

[Artemisia cana Pursh] - GPF, HDH, IMF

[Artemisia cana Pursh subsp. viscidula (Osterh.) Beetle] - FNA, KTZ

[Artemisia viscidula (Osterh) Rydb.] - FNA

[Seriphidium canum (Pursh) W. A. Weber] - SF!, W&W

Artemisia carruthii A. W. Wood ex Carruth - FNA, GPF, HDH, IMF, KTZ, UTF, W&W, E

[Artemisia bakeri Greene] - FNA

[Artemisia carruthii A. W. Wood] - SFE

[Artemisia coloradensis Osterh.] - FNA

[Artemisisa kansana Britt.] - FNA

[Artemisia vulgaris L. subsp. wrightii (A. Gray) H. M. Hall & Clements] - FNA

[Artemisia wrightii A. Gray] - FNA

Artemisia dracunculus L. - Dorn01, FNA, GPF, IMF, KTZ, E/W

[Artemisia aromatica A. Nelson] - FNA

[Artemisia dracunculina S. Watson] - FNA

[Artemisia dracunculoides Pursh] - FNA

[Artemisia dracunculoides Pursh subsp. dracunculina (S Watson) H.M Hall & Clements] - FNA

[Artemisia dracunculus L. subsp. dracunculus] - HDH

[Artemisia dracunculus L. var. dracunculus]

[Artemisia dracunculus L. subsp. glauca (Pall) H M Hall & Clem.] - HDH

[Artemisia dracunculus L. subsp. glauca (Pall ex Willd.) H M Hall & Clem]

[Artemisia dracunculus L. var. glauca (Pall) Besser] - UTF

[Oligosporus dracunculus (L.) Poljakov subsp. dracunculinus (S Watson) W. A. Weber] - SFE, W&W

[Oligosporus dracunculus (L.) Poljakov subsp. dracunculus] - W&W[1], Eurasian.

[Oligosporus dracunculus (L.) Poljakov subsp. glaucus (Pall.) A. Löve & D. Löve]] - SF!, W&W[1]

[Oligosporus dracunculus (L.) Poljakov subsp. glaucus (Pall. ex Willd.) A. Löve & D. Löve] - W&W

[Artemisia glauca Pallas ex Willd.] - FNA

[Artemisia glauca Pallas ex Willd. var. megacephala B. Boivin] - FNA

Artemisia filifolia Torr. - Dorn01, GPF, HDH, IMF, KTZ, UTF, E/W

[Artemisia plattensis Nutt.] - FNA

[Oligosporus filifolius (Torr.) Poljakov] - SF!, W&W

Artemisia franserioides Greene - FNA, HDH, KTZ, SF!, W&W, E/W

Artemisia frigida Willd. - FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

[Artemisia frigida Willd var. gmelinıana (Besser) Besser] - FNA

[Artemisia frigida Willd. var. williamsiae S. L. Welsh] - FNA

Artemisia laciniata Willd. subsp. parryi (A. Gray) W. A. Weber - FNA

[Artemisia parryi A. Gray] - FNA

[Artemisia saxicola Rydb. var. parryi A. Nelson] - FNA

Artemisia longifolia Nutt. - Dorn01, FNA, GPF, HDH rep., KTZ, SFE, W&W, E

[Artemisia falcata Rydb] - FNA

[Artemisia ludovıciana Nutt. var. intergifolia A. Nelson] - FNA

[Artemisia natronensis A Nelson] - FNA

[Artemisia vulgaris L subsp longifolia (Nutt.) H M. Hall & Clements] - FNA

[Artemisia vulgaris L. var. longifolia (Nutt.) M. Peck] - FNA

Artemisia ludoviciana Nutt. var. albula (Wooton) Shinners - IMF, UTF, W

[Artemisia ludoviciana Nutt. subsp. albula (Wooton) D. D. Keck] - FNA, HDH, KTZ, SFW, W&W

[Artemisia microcephala Wooton] - FNA

Artemisia ludoviciana Nutt. var. incompta (Nutt.) Cronquist - Dorn01, IMF, UTF, E/W

[Artemisia arachnoidea E. Sheldon] - FNA

[Artemisia atomifera Piper] - FNA

[Artemisia incompta Nutt.] - FNA

[Artemisia lindleyana Besser] - FNA

[Artemisia ludovıciana Nutt. subsp. incompta (Nutt.) D. D. Keck] - FNA, HDH, KTZ, SF!, W&W

[Artemisia prescottiana Besser] - FNA

[Artemisia vulgaris L. var. incompta (Nutt.) H. St. John] - FNA

Artemsisa ludoviciana Nutt. var. latiloba Nutt. - Dorn01

[Artemisia candicans Rydb.] - KTZ

[Artemisia ludoviciana var latiloba Nutt.] - KTZ

Artemisia ludoviciana Nutt. var. ludoviciana - Dorn01, GPF, IMF, UTF, E/W

[Artemisia ludoviciana Nutt. subsp. ludoviciana] - HDH, KTZ, SF!, W&W

Artemisia ludoviciana Nutt. var. mexicana (Willd. ex Spreng.) A. Gray - IMF, E/W

[Artemisia ludoviciana Nutt. subsp. mexicana (Willd.) D. D. Keck] - FNA, HDH, SF!, W&W

[Artemisia ludoviciana Nutt. subsp. mexicana (Willd. ex Spreng.) D. D. Keck] - KTZ

[Artemisia ludoviciana Nutt. var. mexicana (Willd.) Fernald] - GPF, UTF

[Artemisia mexicana Willd. ex Spreng.] - FNA

[Artemisia neomexicana Green ex Rydb.] - FNA

[Artemisia revoluta Rydb.] - FNA

Artemisia michauxiana Besser - Dorn01, FNA, HDH rep., IMF, KTZ, SF!, UTF, W&W, E/W

Artemisia norvegica Fr. var. saxatilis (Besser) Jeps. - IMF, E/W

[Artemisia arctica Less.] - FNA

[Artemisia arctica Less subsp arctica] - FNA, KTZ

[Artemisia arctica Less. subsp. comata (Rydb.) Hultén] - FNA

[Artemisia arctica Less. subsp. ehrendorferi Korobkov] - FNA

[Artemisia arctica Less. subsp. saxicola (Rydb.) Hultén] - SF!, W&W

[Artemisia chamissoniana Besser var. saxatilis Besser in W. J. Hook.] - FNA

[Artemisia comata Rydb.] - FNA

[Artemisia norvegica Fr. subsp. saxatilis (Besser) H. M. Hall & Clem.] - HDH

[Artemisia norvegica Fr. var. piceetorum S. L. Welsh & Goodrich] - FNA, UTF

Artemisia nova A. Nelson - FNA, IMF, KTZ, UTF, W

[Artemisia arbuscula Nutt. subsp. nova (A. Nelson) G. H. Ward] - FNA

[Artemisia arbuscula Nutt var nova (A Nelson) Cronquist] - FNA

[Artemisia tridentata Nutt subsp nova (A Nelson) H. M. Hall & Clem.] - HDH

[Artemisia tridentata Nutt var nova (A Nelson) Cronquist] - FNA

[Seriphidium novum A Nelson] - SFW

[Seriphidium novum (A. Nelson) W A. Weber] - W&W

Artemisia parryi A. Gray - HDH, KTZ, UTF, E/W

[Artemisia laciniata Willd. subsp. parryi (A. Gray) W. A. Weber] SF!, W&W

Artemisia pattersonii A. Gray - FNA, HDH, KTZ, SF!, W&W, E/W

[Artemisia monocephala (A. Gray) A. Heller] - FNA

[Artemisia scopulorum A. Gray var. monocephala A. Gray] - FNA

Artemisia pedatifida Nutt. - Dorn01, FNA, GPF, HDH, KTZ, E/W

[Oligosporus pedatifidus (Nutt.) Poljakov] - SF!, W&W

♦ Artemisia porteri Cronq. - **ENDEMIC** <WY>, Dorn01, FNA, KTZ

Artemisia pygmaea A. Gray - FNA, IMF, KTZ, UTF, W

[Seriphidium pygmaeum (A. Gray) W. A. Weber] - FNA, SFW, W&W

Artemisia scopulorum A. Gray - FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Artemisia spiciformis Osterh. - FNA, IMF, UTF, E/W

[Artemisia rothrockii] - HDH

[Artemisia X spiciformis Osterh.] - RMC

[Artemisia tridentata Nutt subsp rothrockii (A. Gray) H. M. Hall & Clem.] - HDH

[Artemisia tridentata Nutt subsp spiciformis (Osterh.) Kartesz & Gandhi] - FNA, KTZ

[Seriphidium spciformе (Osterh.) Y. R. Ling] - FNA

[Seriphidium rothrockii (A. Gray) W. A. Weber] W&W, err. rep.

[Seriphidium vaseyanum (Rydb.) W. A. Weber] - SF!, W&W

Artemisia spinescens D. C. Eaton - Dorn01, HDH, IMF, UTF, W

[Picrothamnus desertorum Nutt.] - FNA, KTZ, SFW, W&W

Artemisia tridentata Nutt. var. tridentata - IMF, UTF, E/W

[Artemisia angustifolia (A. Gray) Rydb] - FNA

[Artemisia tridentata Nutt. subsp. tridentata] - FNA, HDH, KTZ
[Artemisia tridentata Nutt. subsp. xericensis Winward ex R. Rosentreter & R. G. Kelsey] - FNA
[Seriphidium tridentatum (Nutt.) W. A. Weber] - SF!
[Seriphidium tridentatum (Nutt.) W. A. Weber subsp. tridentatum] - W&W

Artemisia tridentata Nutt. var. vaseyana (Rydb.) B. Boivin - GPF, IMF, UTF, E/W
[Artemisia tridentata Nutt subsp vaseyana (Rydb) Beetle] - FNA, KTZ
[Artemisia tridentata Nutt. var. paucıflora Winward & Goodrıch] - FNA, UTF
[Artemisia tridentata Nutt subsp vaseyanum (Rydb) W A. Weber]
[Artemisia vaseyana Rydb] - FNA
[Seriphidium vaseyanaum (Rydb) W. A. Weber] - FNA, W&W, SF!

Artemisia tridentata Nutt. var. wyomingensis (Beetle & Young) S. L. Welsh - IMF, UTF, W
[Artemisia tridentata Nutt. subsp. wyomingensis Beetle & Young] - FNA, KTZ
[Seriphidium tridentatum (Nutt.) W. A. Weber subsp. wyomingense (Beetle & Young) W. A. Weber] - W&W
[Seriphidium vaseyanum (Rydb.) W. A. Weber subsp. wyomingensis (Beetle & Young) W. A. Weber] - SFW

♦ Artemisia tripartita Rydb. var. rupicola (Beetle) Dorn - **ENDEMIC** **<WY>**, Dorn01, FNA
[Artemisia tripartita Rybd subsp rupicola Beetle] - KTZ

Artemisia tripartita Rydb. var. tripartita - Dorn01, E, FNA
[Artemisia tripartita Rydb.] - HDH, IMF, UTF
[Artemisia tripartita Rydb. subsp. tripartita] - KTZ
[Seriphidium tripartitum (Rydb.) W. A. Weber] - SFE, W&W

Askellia (see **Crepis**)

Aster (see also **Almutaster, Chaetopappa, Diplactis, Eucephalus, Eurybia, Herrickia, Machaeranthera, Solidago, Symphyotrichum, Xanthisma, Xylorhiza**)
[NS - Aster s.l. has been segregated in FNA Vol. 20 (see also Semple01, Noyes99)]

{Aster praealtus Poir.} - HDH, W&W, err. rep.
{Aster praealtus Poir. var. praealtus} - GPF
{Symphyotrichum praealtum (Poir.) G. L. Nesom} - W&W[1], err. rep.
{Symphyotrichum praealtum (Poir.) G. L. Nesom var. praealtum} - KTZ <NE, OK>

{Aster sibiricus L. var. meritus (A. Nels.) Raup} - WY checklist
{Aster behringensis Gandog.} - KTZ
{Aster meritus A. Nels.} - KTZ
{Aster richardsonii Spreng.} - KTZ
{Aster sibıricus subsp. rıchardsonıı (Spreng. A & D. Löve} - KTZ
{Aster sibıricus var. gıganteus (Hook.) Gray} - KTZ
{Aster sibıricus var. merıtus (A. Nels) Raup} - KTZ
{Eurybıa merıta (A. Nels) Nesom} - FNA, KTZ
{Eurybıa sibırica (L) Nesom} - KTZ
{Eurybıa sibırica (L) subsp richardsonii} - KTZ
{Eurybıa sibırica (L.) subsp giganteus} - KTZ
{Eurybıa sibırica (L.) var meritus (A Nels.)} - KTZ

{Baccharis emoryi A. Gray}- HDH, KTZ <AZ, NM, UT>, UTF, W&W, applies to Baccharis salicina

{Baccharis glutinosa Pers.} - GPF, HDH rep., IMF, UTF, W&W, applies to B. salicina
{Baccharis salıcıfolia (Ruız & Pav.) Pres.} - KTZ

Baccharis salicina Torr. & A. Gray - FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
[Baccharis emoryi A. Gray] - FNA

Baccharis salicifolia (Ruiz & Pav.) Pers. - FNA
[Baccharis glutinosa Pers.] - FNA

[Bachharis viminea DC.] - FNA
[Bachharis viminea DC. var. atwoodii S. L. Welsh] - FNA
[Molina salicifolia Ruiz & Pav.] - FNA
Baccharis wrightii A. Gray - FNA, GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E

Bahia (see **Amauriopsis, Picradeniopsis, Platyschkuhria, Schkuhria**)

Balsamita (see **Chrysanthemum**)

Balsamorhiza hispidula Sharp - Dorn01, FNA, HDH, SFW, W&W, W
[Balsamorhiza hookeri Nutt. var. hispidula (Sharp) Cronquist] - IMF, UTF
[Balsamorhiza hookeri (Hook.) Nutt. var. hispidula (Sharp) Cronquist] - KTZ
Balsamorhiza incana Nutt. - FNA, Dorn01, KTZ
Balsamorhiza sagittata (Pursh) Nutt. - Dorn01, FNA, GPF, HDH, KTZ, SF!, UTF, W&W, E/W
[Buphthalmum sagittatum Pursh] - FNA
Balsamorhiza x tomentosa Rydb. - WY checklist, KTZ

Berlandiera lyrata Benth. - FNA, GPF, HDH, KTZ, SFE, W&W, E
[Berlandiera incisa Torr & A. Gray] - FNA

Bidens

(Identification sources: _____)

Bidens bigelovii A. Gray - FNA, GPF, HDH, IMF, KTZ, SFE, W&W, E
{Bidens bipinnata L.} - HDH, doubtful, KTZ, W&W
* Bidens cernua L. - FNA, Dorn01, GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E
Bidens frondosa L. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, E/W
[Bidens frondosa L. var. frondosa] - W&W
Bidens heterosperma A. Gray - FNA, HDH, KTZ, W&W
Bidens laevis (L.) Britton, Sterns, & Poggenb.- FNA, IMF, KTZ, W&W[1]
[Bidens laevis Britton, Sterns, & Poggenb.] - HDH
Bidens polylepis S. F. Blake - FNA, HDH, W&W
[Bidens aristosa (Michx) Britton] - KTZ
Bidens tenuisecta A. Gray - FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
* Bidens tripartita L. - FNA, KTZ, UTF
[Bidens comosa (A. Gray) Wiegand] - Dorn01, GPF, HDH, IMF, SFE, UTF, W&W, E
Bidens vulgata Greene - FNA, Dorn01, GPF, HDH, IMF, KTZ
[Bidens frondosa L. var. puberula Wiegand] - W&W

Bolophyta (see **Parthenium**)

Brachyactis (see **Aster**)

Breea (see **Cirsium**)

Brickellia

(Identification sources: _____)

Brickellia actractyloides A. Gray var. actractyloides - FNA
Brickellia brachyphylla (A. Gray) A. Gray - FNA, GPF, KTZ, E/W
[Brickellia brachyphylla A. Gray] - HDH, SF!, W&W
Brickellia californica (Torr. & A. Gray) A. Gray - FNA, GPF, HDH, IMF, SF!, UTF, W&W
[Brickellia californica (Torr. & A. Gray) A. Gray var. californica] - KTZ, E/W
[Bulbostylis californica Torr. & A. Gray] - FNA
Brickellia eupatorioides (L.) Shinners var. chlorolepis (Wooton & Standl.) B. L. Turner - FNA, KTZ, E/W
[Brickellia rosmarinifolia (Ventenat) W A. Weber subsp chlorolepis (Wooton & Standl) W A. Weber] - SF!, W&W
[Kuhnia chorolepis Wooton & Standl] - GPF, HDH, UTF
[Kuhnia eupatorioides L. var. chlorolepis (Wooton & Standl.) Cronquist] - IMF
Brickellia eupatorioides (L.) Shinners var. corymbulosa (Torr. & A. Gray) Shinners - Dorn01, FNA, KTZ, E
[Brickellia eupatorioides (L) Shinners] - SFE, W&W
[Kuhnia eupatorioides L. var. corymbosa Torr. & A. Gray] - GPF, HDH
Brickellia grandiflora (Hook.) Nutt.] - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W
[Brickellia grandiflora (Hook) Nutt. var. grandiflora] - E/W
Brickellia longifolia S. Watson var. longifolia - FNA, IMF, KTZ
[Brickellia longifolia S. Watson] - SFW, UTF, W&W, W
Brickellia microphylla (Nutt.) A. Gray var. microphylla - FNA
[Brickellia microphylla (Nutt) A Gray var watsonii (B L Rob.) S. L. Welsh] - FNA
[Brickellia watsonii B. L Rob.] - FNA
Brickellia microphylla (Nutt.) A. Gray var. scabra A. Gray - Dorn01, IMF, KTZ, UTF, W
[Brickellia microphylla (Nutt.) A. Gray subsp scabra (A. Gray) W. A Weber] - SFW, W&W
[Brickellia scabra (A. Gray) A. Nelson ex B. L. Rob.] - HDH
Brickellia oblongifolia Nutt. var. linifolia (D. C. Eaton) B. L. Rob. - FNA, HDH, IMF, KTZ, UTF, W
[Brickellia linfiolia D. C. Eaton in S. Wats.] - FNA
[Brickellia oblongifolia Nutt.] - SFW, W&W

Brickelliastrum fendleri (A. Gray) King & H. Robins. - FNA
[Brickellia fendleri A. Gray] - FNA

* Carduus acanthoides L. - Dorn01, GPF, IMF, KTZ, SF!, W&W, E/W
[Carduus acanthoides L. subsp. acanthoides] - FNA
* Carduus nutans L. - Dorn01, HDH rep., IMF, UTF, E/W
[Carduus nutans L. subsp. leiophyllus (Petrovic) Stoj. & Stefani] - GPF
[Carduus nutans L. subsp. macrocephalus (Desf.) Nyman] - GPF
[Carduus nutans L. subsp. macrolepis (Peterman) Kazmi] - KTZ, SF!, W&W

* Carthamus tinctorius L. - Dorn01, FNA, GPF, HDH, IMF, KTZ, UTF, W&W
[No vouchers; evidently only in cultivation]

Centaurea

(Identification sources: _____)

* {Centaurea americana Nutt.} - GPF, HDH, exp., KTZ <AZ, KS, NM, OK>
* Centaurea cyanus L. - Dorn01, FNA, GPF, HDH, IMF, KTZ, UTF, E/W

[WJ - used in revegetation but does not appear to persist]
[Leucacantha cyanus (L.) Nieuwl. & Lunell] - SF!, W&W

* Centaurea diffusa Lam. - Dorn01, FNA, GPF, IMF, KTZ, UTF, E/W
[Acosta diffusa (Lam) Soják] - SF!, W&W

* Centaurea iberica Trev. ex Spreng. - FNA, KTZ

* Centaurea jacea L. - IMF, UTF, KHD (see note)
[NS - KHD reports Centaurea pratensis as a rare weed in Colorado, which FNA (19. 186) treats as "collective name" for intermediates between C. jacea and C. nigra]
[Centaurea eriophora L.] - KTZ, E/W
[Jacea pratensis Lam.]- SF!, W&W

* Centaurea macrocephala Puschk. ex Willd. - FNA KTZ, E
[NS - WJ indicates doubtful outside of cultivation in CO, but FNA lists as present for CO]
[Grossheimia macrocephala (Mussin-Puschkin) Sosnowsky & Takhtajan] - SFE
[Grossheimia macrocephala (Mussin-Puschkin ex Willd) Sosnowsky & Takhtajan] - W&W[1]

* Cenaturea scabiosa L. - Dorn01

* Centaurea stoebe L. subsp. micranthos (S. G. Gmelin ex Gugler) Hayek - FNA
[Acosta maculosa (L.) Holub] - SF!, W&W
[Centaurea biebersteinii DC.] - FNA, KTZ
[Centaurea maculosa Lam. - Dorn01, GPF, RMC, IMF, UTF, E W] - FNA

* Centaurea solstitialis L. - FNA, GPF, HDH, IMF, KTZ, UTF
[Leucantha solstitialis (L.) A. Löve & D. Löve] - W&W

* Centaurea virgata Lam. subsp. squarrosa (Boissier) Gugler - FNA
[Centaurea virgata Lam. var. squarrosa Boissier] - FNA
[Centaurea squarrosa Willd] - FNA

Chaenactis douglasii (Hook.) Hook. & Arn. var. alpina A. Gray - FNA, KTZ
[Chaenactis alpina (A. Gray) M. E. Jones] - Dorn01, IMF, SF!, W&W, E/W
[Chaenactis alpina (A. Gray) M. E. Jones var. alpina] - HDH, UTF
[Chaenactis alpina (A. Gray) M. E. Jones var. leucopsis (Greene) Cockerell ex Stockw.] - W&W
[Chaenactis alpina (A. Gray) M. E. Jones var. leucopsis (Greene) Cockerell] - UTF
[Chaenactis alpina (A. Gray) M. E. Jones var. leucopsis (Greene) Stockw.] - HDH, rep.
[Chaenactis leucopsis Greene] - KTZ

Chaenactis douglasii (Hook.) Hook. & Arn. var. douglasii - HDH, KTZ
[Chaenactis angustifolia Greene] - HDH
[Chaenactis douglasii (Hook) Hook. & Arn.] - FNA, SF!, UTF, W&W, E/W
[Chaenactis douglasii (Hook) Hook. & Arn var achilleifolia (Hook & Arn.) A Nelson] - GPF, HDH, IMF
[Chaenactis douglasii (Hook) Hook. & Arn. var. montana M. E. Jones] - Dorn01, IMF
[Chaenactis humilis Rydb] - HDH, rep
[Hymenopappus douglasii Hook.] - FNA
[Macrocarpus douglasii (Hook.) Nutt.] - FNA

Chaenactis stevioides Hook. & Arn. - FNA, HDH, KTZ, SFW, UTF, W&W
[Chaenactis stevioides Hook. & Arn. var. steviodes] - Dorn01, IMF, W

Chaetopappa ericoides (Torr.) G. L. Nesom - Dorn01, FNA, IMF, KTZ, UTF, E/W
[Aster arenosus S. F. Blake] - HDH
[Chaetopappa ericoides (A. Gray) G. L. Nesom] - W&W[1]
[Leucelene ericoides (Torr) Greene] - SF!
[Leucelene ericoides (Torr. & A. Gray) Greene] - GPF, W&W

Chamaechaenactis scaposa (Eastw.) Rydb. - Dorn01, FNA, HDH, IMF, SFW, UTF, W&W, W
[Chaenactis scaposa Eastw.] - FNA
[Chamaechaenactis scaposa (Eastw.) Rydb. var. scaposa] - KTZ

Chamomilla (see **Matricaria**)

Chloracantha spinosa (Benth.) Nesom - KWA, KTZ
[Aster spinosus Benth.] - KWA, M&H, KTZ
[Erigeron ortegae Blake] - KTZ
[Leucosyris spinosa (Benth.) Greene] - KWA, KTZ

Chlorocrepis (see **Hieracium**)

Chrysanthemum
[NS - generic boundaries unstable]
* Chrysanthemum coccineum Willd. - KTZ, W&W
* Chrysanthemum coronarium L. - HDH, KTZ, W&W
[No known voucher at COLO]
* Chrysanthemum leucanthemum L. - Dorn01, GPF, IMF, UTF, E/W
[Chrysanthemum leucanthemum L. var. pinnatifidum Lecoq & Lamotte] - HDH
[Leucanthemum vulgare Lam.] - FNA, KTZ, SF!, W&W
* Chrysanthemum maximum Ramond - W
[NS - established in parts of Boulder County]
[Leucanthemum maximum (Ramond) DC.] - FNA, KTZ, SFW, W&W[1]

Chrysopsis (see **Heterotheca**)

Chrysothamnus (see also **Ericameria, Lorandersonia**)

(Identification sources: _____)

Chrysothamnus depressus Nutt. - FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Chrysothamnus greenei (A. Gray) Greene - Dorn01, FNA, IMF, KTZ, SF!, UTF, E/W
[Bigelowia greenei A. Gray] - FNA
[Chrysothamnus greenei (A. Gray) Greene subsp. filifolius (Rydb.) H. M. Hall & Clem.]- HDH, W&W
[Chrysothamnus greenei (A. Gray) Greene subsp. greenei] - HDH, W&W
Chrysothamnus vaseyi (A. Gray) Greene - Dorn01, FNA, HDH, IMF, KTZ, SF!,UTF, W&W, E/W
[Bigelowia vaseyi A. Gray] - FNA
Chrysothamnus viscidiflorus (Hook.) Nutt. subsp. axillaris (D. D. Keck) L. C. Anderson - FNA
[NS - combination unavailable at varietal level for consistency with other infraspecific taxa]
[Chrysothamnus axillaris D. D. Keck] - FNA
Chrysothamnus viscidiflorus (Hook.) Nutt. var. lanceolatus (Nutt.) Greene - Dorn01, IMF, UTF, E
[Chrysothamnus viscidiflorus (Hook.) Nutt. subsp. elegans (Greene) H. M. Hall & Clem.] -HDH, W&W
[Chrysothamnus viscidiflorus (Hook.) Nutt. subsp. lanceolatus (Nutt.) H. M. Hall & Clem.] - FNA, GPF, HDH, KTZ, SFE, W&W
Chrysothamnus viscidiflorus (Hook.) Nutt. var. puberulus (D. C. Eaton) Jeps. - IMF, UTF
[Chrysothamnus viscidiflorus (Hook.) Nutt. subsp. puberulus (D. C. Eaton) H. M. Hall & Clem.] - HDH, KTZ, W&W
Chrysothamnus viscidiflorus (Hook.) Nutt. var. viscidiflorus - Dorn01, IMF, UTF, E/W
[Chrysothamnus viscidiflorus (Hook.) Nutt.] - SFW
[Chrysothamnus viscidiflorus (Hook.) Nutt. subsp. axillaris (D. D. Keck) L. C. Anderson] - KTZ, W&W
[Chrysothamnus viscidiflorus (Hook.) Nutt. subsp. latifolius (D. C. Eaton) H. M. Hall & Clem.] - W&W
[Chrysothamnus viscidiflorus (Hook.) Nutt. subsp. pumilus (Nutt.) H. M. Hall & Clem.] - HDH, W&W

[Chrysothamnus viscidiflorus (Hook.) Nutt. subsp. viscidiflorus] - FNA, GPF, HDH, SFE, W&W
[Chrysothamnus viscidiflorus (Hook.) Nutt. subsp. viscidiflorus var. latifolius (D. C. Eat.) Greene] - KTZ
[Chrysothamnus viscidiflorus (Hook.) Nutt. subsp. viscidiflorus var. viscidiflorus] - KTZ
[Chrysothamnus viscidiflorus (Hook.) Nutt. var. stenophyllus (A. Gray) H. M. Hall] - UTF
[Chrysothamnus viscidiflorus (Hook.) Nutt. subsp. stenophyllus (A. Gray) H. M. Hall & Clem.] - HDH, W&W
[Chrysothamnus viscidiflorus (Hook.) Nutt. subsp. viscidiflorus var. stenophyllus (A. Gray) H. M. Hall] - KTZ

* Cichorium intybus L. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Cirsium

(Identification sources: _____)

[NS - The FNA treatment is surely a general improvement for Cirsium but its taxonomy in the SRMR would benefit greatly from a doctoral dissertation. Our herbaria regionally need a lot of curatorial attention.]

Cirsium arizonicum (A. Gray) Petrak var. bipinnatum (Eastwood) D. J. Keil - FNA
[Cnicus arizonicus A. Gray] - FNA
[Cnsus drumondii Torr. & A. Gray var. bipnnatus Eastwood] - FNA
[Cirsium bipinnatum (Eastwood) Rydb.] - HDH
[Cirsium calcareum (M. E. Jones) Wooton & Standl.] - IMF, KTZ, SFW, W&W, W
[Cirsium calcareum (M. E. Jones) Wooton & Standl. var. bipinnatum (Eastw.) S. L. Welsh - FNA, UTF
[Cirsium calcareum (M. E. Jones) Wooton & Standl. var. calcareum] - UTF
[Cirsium calcareum (M. E. Jones) Wooton & Standl. var. pulchellum (Greene) S. L. Welsh) - FNA, UTF
[Cirsium pulchellum (Greene) Wooton & Standl.] - HDH
[Cirsium pulchellum (Greene ex Rydb.) Wooton & Standl.] - FNA
[Cirsium pulchellum (Greene ex Rydb.) Wooton & Standl. subsp. bipinnatum (Eastwood) Petrak - FNA
[Cirsium pulchellum (Greene ex Rydb.) Wooton & Standl. subsp. diffusum (Eastwood) Petrak] - FNA
[Cirsium pulchellum (Greene ex Rydb.) Wooton & Standl. subsp. glabrescens Petrak] - FNA
* Cirsium arvense (L.) Scop. - Dorn01, FNA, GPF, IMF, KTZ, W&W, E/W
[Breea arvensis (L.) Less.] - SF!, W&W[1]
[Breea incana (Gmelin) W. A. Weber, in ed.] - W&W[1]
[Cirsium arvense (L.) Scop. var. arvense] - HDH
[Cirsium arvense (L.) Scop. var. horridum Wimm. & Grab.] - UTF
[Cirsium arvense (L.) Scop. var. integrifolium Wimm & Grab.] - HDH, RMC
[Cirsium arvense (L.) Scop. var. mite Wimmer & Grab.] -UTF
[Cirsium arvense (L.) Scop. var. vestitum Wimmer & Graebner] -HDH
[Cirsium incanum (S. G Gmelin) Fisher ex Bieberstein] - W&W
Cirsium barnebyi S. L. Welsh & Neese - Dorn01 (reported), FNA, IMF, KTZ, SFW, UTF, W&W, W
Cirsium canescens Nutt. - Dorn01, FNA, GPF, HDH, KTZ, SF!, W&W, E/W
[Cirsium plattense (Rydb.) Fernald] - HDH
Cirsium clavatum (M. E. Jones) Petrak var. americanum (A. Gray) D. J. Keil - FNA
[Carduus spathulatus Osterhout.] - KTZ
[Cnicus carlinoides Schrank var. americanus A. Gray] - FNA
[Cirsium centaureae (Rydb.) K. Schum.] - Dorn01, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
[Cirsium griseum (Rydb.) K. Schum.] - FNA, KTZ
[Cirsium laterifolium (Osterh.) Petrak] - FNA, KTZ
[Cirsium modestum (Osterh.) Cockerell] - FNA, KTZ
[Cirsium remotifolium (Hook.) DC. subsp. oregonense Petrak]
[Cirsium scapanolepis Petrak] - FNA, KTZ, W&W
[Cirsium spathulifolium Rydb.] - HDH, FNA
Cirsium clavatum (M. E. Jones) Petrak var. clavatum - FNA, UT3
[Cirsium clavatum (M. E Jones) Petrak] - IMF, KTZ, UTF

[Cirsium clavatum (M. E. Jones) Petrak var. markaguntense S. L. Welsh] - FNA

◆Cirsium clavatum (M. E. Jones) Petrak var. osterhoutii (Rydb.) D. J. Keil - **ENDEMIC** <CO>. FNA

[Carduus areneousus Osterhout] - KTZ
[Carduus osterhoutii Rydb] - FNA
[Cirsium araneans Rydb.] - FNA, KTZ, W&W
[? Cirsium eatonii (A. Gray) B. L. Rob.] - W&W[1]
[Cirsium osterhoutii (Rydb.) Petrak] - KTZ, W&W

Cirsium drummondii Torr. & A. Gray - FNA, KWA, JM, HDH, KTZ, W&W, misid.

[Carduus drummondii (Torr. & A. Gray) Coville] - KWA
[Cirsium coccinatum Osterhout] - FNA, KTZ
[Cirsium coloradense (Rydberg) Cockerell] - KWA
[Cirsium foliosum (Hooker) A.P. de Candolle] - KWA

Cirsium eatonii (A. Gray) B. L. Rob. var. eriocephalum (A. Gray) D. J. Keil - FNA

[Carduus hookerianus Nuttall var eriocephalus (A Gray) A. Nelson] - FNA
[Cirsium eatonii (A Gray) B. L. Rob.] - FNA, HDH, IMF, KTZ, SF[1], W&W, E/W
[Cirsium eatonii (A Gray) B. L. Rob. var. eatonii] - UTF
[Cisrium eriocephalum A. Gray] - FNA
[Cirsium eriocephalum A. Gray var. leiocephalum D. C. Eat. in S. Wats.] - FNA
[Cirsium scopulorum (Greene) Cockerell ex Daniels - FNA
[Cirsium scopulorum (Greene) Cockerell] - HDH, SF!, UTF, W&W
[Cirsium tweedyi (Rydb.) Petrak] - W&W
[Cnicus eatonii A. Gray] - FNA
[Cnicus eriocephalum A. Gray] - FNA

Cirsium eatonii (A. Gray) B. L. Rob. var. hesperium (Eastwood) D. J. Keil - FNA

[Cirsium hesperium (Eastw.) Petrak] - SF!, W&W
[Cirsium hesperium (Eastw.) Rydb.] - HDH
[Cirsium hesperiusm (Eastwood) Petrak] - FNA
[Cnicus hesperius Eastwood] - FNA

Cirsium eatonii (A. Gray) B. L. Rob. var. murdockii S. L. Welsh - FNA

[Cirsium murdockii (S. L. Welsh) Cronq.] - FNA
[Cirsium polphyllum (Rydb.) Petrak] - FNA
[Cirsium tweedyi (Rydb.) Petrak] - FNA

Cirsium flodmanii (Rydb.) Arthur - Dorn01, FNA, GPF, IMF, KTZ, SFE, W&W, E

Cirsium inamoenum (Greene) D. J. Keil var. davisii (Cronq.) D. J.Keil - FNA

[Carduus nevadensis Greene] - KTZ
[Cirsium davisii Cronq.] - KTZ
[Cirsium humboldtense Rydb.] KTZ
[Cirsium subniveum Rydb.] - Dorn01, KTZ

Cirsium neomexicanum A. Gray - FNA, HDH, IMF, KTZ, SFW, W&W, W

[Cirsium arcuum A Nelson] - FNA
[Cirsium humboldtense] - FNA
[Cirsium neomexicanum A. Gray var. utahense (Petrak) S. L Welsh] - FNA, UTF
[Cisrium undulatum (Nutt.) Sprengel var. albescens D. C. Eat.] - FNA
[Cirsium utahense Petrak] - FNA

Cirsium ochrocentrum A. Gray - Dorn01, FNA, GPF, HDH, IMF, KTZ, UTF, W&W, E/W

[Cirsum ochrocentrum (A. Gray) A. Gray] - SF!
[Cirsum ochrocentrum A. Gray var. ochrocentrum] - FNA

Cirsium ownbeyi S. L. Welsh - Dorn01, FNA, IMF, KTZ, SFW, UTF, W&W, W

Cirsium parryi (A. Gray) Petrak - FNA, HDH, SF!, UTF, W&W

[Cirsium inornatum (Wooton & Standl.) Wooton & Standl] - FNA
[Cirsium gilense (Wooton & Standl) Wooton & Standl.] - FNA
[Cirsium pallidum Wooton & Standl.] - FNA, HDH, KTZ, W&W
[Cirsium parryi (A. Gray) Petrak] - FNA, HDH, SF!, UTF, W&W

[Cirsium parryi (A. Gray) Petrak subsp. parryi] - KTZ, E/W
[Cirsium parryi (A. Gray) Petrak subsp. mogollonicum Schaack & G. A. Goodwin] - FNA
[Cnicus parryi A. Gray] - FNA

♦Cirsium perplexans (Rydb.) Petrak - **ENDEMIC** <CO>, FNA, KTZ, SFW, W&W, W
[Carduus perplexans Rydb] - FNA
[Cirsium perplexans Rydb.] - HDH
[Cirsium vernale (Osterh) Cockerell] - FNA, KTZ

♦Cirsium pulcherrimum (Rydb.) Schum. var. aridum (Dorn) D. J. Keil - FNA
[Cirsiumn aridum Dorn] - Dorn01, FNA
[Cirsium pulcherrimum (Rydb.) K. Schum - FNA, GPF, IMF, KTZ, UTF

Cirsium pulcherrimum (Rydb.) K. Schum. var. pulcherrimum - Dorn01, FNA

{Cirsium remotifolium (Hook.) DC. subsp. remotifolium} - IMF, KTZ
{NS - restricted to Pacific states fide FNA [as C. remotifolium (Hook.) Dc. in A. P. DC. & A. L. P. DC.}

Cirsium scariosum Nuttall var. americanum (A. Gray) D. J. Keil - FNA
[Cirsium americanum (A. Gray) K. Schum.] - FNA
[Cirsium acaule (L.) Scop. var. americanum A. Gray] - FNA
[Cirsium acaulescens (A. Gray) K. Schum.] - FNA
[Cirsium coloradoense (Rydb.) Cockerell ex Daniels subsp. acaulescens (A. Gray) Petrak] - FNA
[Cirsium coloradoense (Rydb.) Cockerell ex Daniels subsp. longissimum (A.Heller) Petrak] - FNA
[Cirsium drummondii Torr. & A. Gray var. acaulescens (A. Gray) J. F. Macbride] - FNA
[Cirsium drummondii Torr. & A. Gray subsp latisquamum Petrak] - FNA
[Cirsium drummondii Torr. & A. Gray var oregonense Petrak] - FNA
[Cirsium drummondii Torr. & A Gray subsp vexans Petrak] - FNA
[Cirsium tioganum (J. W Congd) Petrak] - FNA

Cirsium scariosum Nuttall var. coloradense (Rydb.) D. J. Keil - FNA
[Carduus coloradensis Rydb] - FNA
[Cirsium coloradense (Rydb) Cockerell] - FNA, W&W
[Cirsium drummondii Torr. & A. Gray var. acaulescens (A. Gray) J. F. Macbr.] - HDH
[Cirsium erosum (Rydb.) K. Schumann] - FNA
[Cirsium X erosum (Rydb.) K. Schum.] - PLS
[Cirsium olivenscens (Rydb.) Petrak] - FNA
[Cirsium scariosum Nutt.] - IMF, KTZ, SF!, W&W, W&W[1]
[Cirsium scariosum Nutt. var. scariosum] - UTF
[Cirsium tiganum (Congd.)] - FNA
[Cirsium tioganum (Congd.) Petr. var. coloradense (Rydb.) Dorn] - Dorn01, E/W, FNA
[Cirsium tioganum (Congd.) Petr. var. tioganum] - Dorn01, E/W, FNA, RMC
[Cirsium scariosum Nutt. var. scariosum Nutt.] - UTF

Cirsium scariosum Nuttall var. scariosum - FNA
[Cirsium butleri (Rydb.) Petrak] - FNA
[Cirsium lacerum (Rydb.) Petrak] - FNA
[Cirsium mangifium (A. Nelson] - FNA
[Cirsium minganense Victorin] - FNA

Cirsium scariosum Nuttall var. thorneae S. L. Welsh - FNA

Cirsium undulatum (Nutt.) Spreng. - Dorn01, FNA, GPF, HDH, IMF, SF!, W&W
[Cirsium megacephalum (A. Gray) Cockerell] - HDH
[Cirsium tracyi (Rydb.) Petrak] - FNA, IMF, SFW, W&W
[Cirsium undulatum (Nutt.) Spreng. var. tracyi (Rydb.) S. L. Welsh] - KTZ, UTF, W
[Cirsium undulatum (Nutt.) Spreng var undulatum] - FNA, KTZ, UTF, E/W

✻ Cirsium vulgare (Savi) Ten. - Dorn01, FNA, GPF, IMF, KTZ, SF!, UTF, W&W, E/W
[Cirsium lanceolatum (L.) Hill] - HDH

Cirsium wheeleri (A. Gray) Petrak - FNA, KTZ, UTF
[Cirsium wheeleri (A. Gray) Petrak var. wheeleri] - UT3

Conyza (see also **Laennecia**)

✣Conyza canadensis (L.) Cronquist - FNA, HDH, SF!, W&W

[Conyza canadensis (L.) Cronquist var. canadensis] - Dorn01, GPF, IMF, KTZ, E/W

[Conyza canadensis (L.) Cronquist var glabrata (A. Gray) Cronquist] - GPF, IMF, KTZ, UTF

[Erigeron canadensis L.] - FNA

✣ Coreopsis lanceolata L. - FNA, GPF, HDH, KTZ, W&W, E

[No voucher at COLO]

✻ Coreopsis tinctoria Nutt. - Dorn01, FNA, GPF, HDH, SF!, W&W

[Coreopsis tinctoria Nutt. var. tinctoria] - IMF, KTZ, E/W

✻ Cosmos bipinnatus Cav. - Dorn01, FNA, HDH, IMF, KTZ, UTF, W&W

[Grown in Denver]

Cosmos parviflorus (Jacq.) Pers. - FNA, KTZ, E/W

[Cosmos parviflorus (Jacq.) Kunth] - HDH, SF!, W&W

Crepis

(Identification sources: _____)

Crepis acuminata Nutt. - Dorn01, FNA, FGP, IMF, UTF

[Crepis acuminata Nutt. subsp. acuminata] - HDH, KTZ, E/W

[Crepis acuminata Nutt. subsp. pluriflora Babc. & Stebbins] - FNA, HDH, KTZ, E/W

[Crepis angustata Rydb.] - FNA

[Crepis seselifolia Rydb] - FNA°

[Psilochenia acuminata (Nutt.) W. A Weber] - SF!, W&W

[Psilochenia acuminata (Nutt.) W. A Weber] - SF!, W&W

Crepis atribarba A. Heller - Dorn01, FNA, HDH, IMF, UTF, E/W

[Crepis atribarba A. Heller subsp. atribarba] - KTZ

[Crepis exilis Osterh.] - FNA

[Crepis exilis Osterh. subsp. originalis Babcock & Stebbins] - FNA

[C. occidentalis Nutt. var. gracilis D. C. Eat.] - FNA

[Psilochenia atribarba (A. Heller) W. A. Weber] - SF!, W&W

✻ Crepis capillaris Wallr. - FNA, IMF, KTZ, SFE, E

[Crepis capillaris (L.) Wallr.] - GPF, UTF, W&W

Crepis intermedia A. Gray - Dorn01, FNA, HDH, IMF, KTZ, UTF, W

[Psilochenia intermedia (A Gray) W. A. Weber] - SFW, W&W

Crepis modocensis Greene var. modocensis - FNA, IMF, W

[Crepis modocensis Greene subsp. modocensis] - KTZ, RMC

[Crepis modocensis Greene] - Dor01, HDH, UTF

[Psilochenia modocensis (Greene) W. A. Weber] - SFW, W&W

{Crepis nana Richardson subsp. clivicola Legg.} - KTZ, E/W

{Askellia nana (Richardson) W. A. Weber} - SF!, W&W

Crepis nana Richardson var. ramosa (Babc.) Cronquist - Dorn01, FNA, IMF, E/W

[Askellia nana (Richardson) W. A Weber] - SF!, W&W

[Crepis nana Richardson] - UTF

[Crepis nana Richardson subsp. nana] - HDH, IMF, misapp., KTZ, RMC

Crepis occidentalis Nutt. subsp. conjuncta Babcock & Stebbins - FNA

Crepis occidentalis Nutt. var. costata A. Gray - Dorn01, FNA, UTF, E/W

[Crepis occidentalis Nutt. subsp. costata (A. Gray) Babc. & Stebbins] - GPF, HDH, IMF, KTZ

[Psilochenia occidentalis Nutt.] - SF!

[Psilochenia occidentalis (Nutt.) Nutt. subsp. costata (A. Gray) W. A. Weber] - W&W

Crepis occidentalis Nutt. var. occidentalis - Dorn01, FNA, UTF, E/W
[Crepis occidentalis Nutt subsp occidentalis] - HDH, IMF, KTZ
[Psilochenia occidentalis Nutt.] - SF!
[Psilochenia occidentalis (Nutt.) Nutt. subsp occidentalis] - W&W

Crepis runcinata (E. James) Torr. & A. Gray var. glauca (Nutt.) B. Boivin - Dorn01, FNA, IMF, UTF, E/W
[Crepis runcinata Torr. & A. Gray subsp. glauca (Nutt.) Babc. & Stebbins] - GPF, HDH
[Crepis runcinata (E. James) Torr. & A. Gray subsp. glauca (Nutt.) Babc. & Stebbins] - KTZ
[Psilochenia runcinata (E. James.) A. Löve & D. Löve] - SF!
[Psilochenia runcinata (E. James ex Torr.) A. Löve & D. Löve] - W&W

Crepis runcinata (E. James) Torr. & A. Gray var. hispidulosa Howell ex Rydb. - Dorn01, FNA, IMF, UTF, E/W
[Crepis runcinata Torr. & A. Gray subsp. hispidulosa (Howell) Babc & Stebbins] - HDH
[Crepis runcinata (E. James) Torr & A Gray subsp. hispidulosa (Howell ex Rydb.) Babc. & Stebbins] - KTZ
[Psilochenia runcinata (E. James) A. Löve & D. Löve] - SF!
[Psilochenia runcinata (E. James ex Torr.) A. Löve & D Löve] - W&W

Crepis runcinata (E. James) Torr. & A. Gray var. runcinata - Dorn01, FNA, IMF, UTF, E/W
[Crepis runcinata Torr. & A. Gray subsp. runcinata] - HDH
[Crepis runcinata (E. James) Torr. & A. Gray subsp. runcinata] - GPF, KTZ
[Psilochenia runcinata (E. James) A. Löve & D. Löve] - SF!
[Psilochenia runcinata (E. James ex Torr.) A. Löve & D. Löve] - W&W

Cyclachaena xanthifolia (Nutt.) Fresen. - SF!, W&W
[Iva xanthifolia Nutt] - Dorn01, GPF, HDH, IMF, KTZ, UTF, E/W

Diaperia prolifera (Nutt. ex DC.) Nutt. var. prolifera - FNA
[Evax prolifera Nutt. ex DC.] - GPF, KTZ, W&W, E
[Evax prolifera Nutt.] - HDH, SFE

Dieteria

(Identification sources: _____)

Dieteria bigelovii (A. Gray) D. R. Morgan & R. L. Hartm. var. bigelovii - FNA
[Aster bigelovii A. Gray] - HDH
[Machaeranthera bigelovii (A. Gray) Greene] - Dorn01, IMF, SF!, W&W
[Machaeranthera bigelovii (A. Gray) Greene var. bigelovii] - KTZ, UTF, Turner87, E/W
[Machaeranthera pattersonii (A. Gray) Greene] - SFE, W&W

Dieteria canescens (Pursh) Nutt. var. ambigua (B. L. Turner) D. R. Morgan & R. L. Hartman - FNA
[Machaeranthera canescens (Pursh) A. Gray var. ambigua B. L. Turner] - FNA

Dieteria canescens (Pursh) Nutt. var. aristata (Eastwood) D. R. Morgan & R. L. Hartman - FNA
[Aster canescens Pursh var. aristatus Eastwood] - FNA
[Machaeranthera canescens (Pursh) A. Gray var. aristata (Eastwood) B.L. Turner] - FNA
[Machaeranthera rigida Greene] - FNA

Dieteria canescens (Pursh) Nutt. var. canescens - FNA
[Machaeranthera divaricata (Nutt.) Greene] - FNA
[Machaeranthera laetevirens Greene] - FNA
[Machaeranthera latifolia A. Nelson] - FNA
[Machaeranthera pluverulenta (Nutt) Greene] - FNA
[Machaeranthera viscosa (Nutt) Greene] - FNA

Dieteria canescens (Pursh) Nutt. var. glabra (A. Gray) D. R. Morgan & R. L. Hartman - FNA
[Aster canescens Pursh var. viridis A Gray] - FNA

[Machaeranthera canescens (Pursh) A. Gray var. glabra A. Gray] - FNA
[Machaeranthera linearis Greene] - FNA

Dicoria canescens A. Gray - FNA
[Dicoria brandegei A Gray] - HDH rep , SFW, UTF, W&W
[Dicoria canescens A. Gray subsp. brandegeei (A. Gray) Kartesz] - KTZ
[Dicoria canescens A Gray var. brandegeei (A Gray) Cronquist] - IMF, W
[Dicoria paniculata Eastw] - HDH, rep
{Dicoria canescens A. Gray var. wetherillii (Eastw.) Cronquist} - IMF <UT>
{Dicoria canescens A. Gray subsp. wetherillii (Eastw.) Kartesz, comb. in ed.} - KTZ

Diplactis alpinus (L.) Semple subsp. vierhapperi (Onno) Semple - FNA
[Aster alpinus L.] - HDH
[Aster alpinus L var vierhapperi (Onno) Cronquist - KTZ, SF!, W&W, E W
[Aster culminis A. Nelson] - FNA
[Aster alpinus L. var. vierhapperi Onno] - FNA

Dugaldia (see **Hymenoxys**)

Dyssodia (see also **Thymophylla**)
Dyssodia papposa (Vent.) Hitchc. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, W&W, E/W

Echinacea angustifolia DC. - Dorn01, FNA, GPF, HDH, SFE, W&W
[Echinacea angustifolia DC. var. angustifolia] - KTZ, E
Echinacea purpurea (L.) Moench - GPF, KTZ, SFE, W&W[1], E
[NS - not native to our region fide FNA]

* Echinops sphaerocephalus L. - HDH, FNA, KTZ, W&W

{Eclipta alba (L.) Hassk.} - HDH, exp.
{Eclipta prostrata (L.) L.} - GPF, KTZ
{Verbesina prostrata L.} - FNA

Enceliopsis nudicaulis (A. Gray) A. Nelson var. nudicaulis - IMF, KTZ, W
[Enceliopsis nudicaulis (A. Gray) A Nelson] - HDH, exp., SFW, UTF, W&W

Encelia nutans Eastw. - FNA, KTZ
[Enceliopsis nutans (Eastw.) A. Nelson - HDH, IMF, UTF, W&W, W
[Enceliopsis nutans Eastw.] - SFW
[Enceliopsis nutans (Easts.) A. Nelson]

Engelmannia peristenia (Raf.) Goodm. & Lawson - FNA, KTZ, SFE, W&W[1], Goodman92
[Engelmannia pinnatifida A. Gray ex Nutt.] - GPF, W&W, E
[Engelmannia pinnatifida Torr. & A Gray] - HDH
[Silphium peristenium Raf] - FNA

Ericameria

(Identification sources: _____)

Ericameria discoidea (Nutt.) G. L. Nesom var. discoidea - KTZ, E/W

[Ericameria discoidea (Nutt.) G. L. Nesom] - FNA, W&W[1]
[Haplopappus macronema A. Gray] - UTF
[Haplopappus macronema A. Gray subsp. macronema] - HDH
[Haplopappus macronema A. Gray var. macronema] - IMF
[Macronema discoideum Nutt.] - SF!, W&W

{Ericameria linearifolia (DC.) Urbatsch & Wussow} - KTZ <AZ, UT>, W&W, err. rep.
{Haplopappus linearifolius DC. subsp. interior (Coville) H M Hall} - HDH, rep
{Haplopappus linearifolius DC. var. interior (Coville) M. E. Jones} - IMF
{Haplopappus linearifolius A Gray var. interior (Coville) M. E. Jones} - UTF

Ericameria nauseosa (Pall. ex Pursh) G. L. Nesom & G. I. Baird subsp. ammophila L. C. Anderson
[NS - it is disagreeable to mix varieties and subspecies under one species but as the species is recently published no varietial combination is available]

Ericameria nauseosa (Pall. ex Pursh) G. L. Nesom & G. I. Baird var. bigelovii (A. Gray) G. L. Nesom & G. I. Baird - E, FNA
[Chrysothamnus nauseosus (Pall.) Britton subsp. bigelovii (A. Gray) H. M. Hall & Clem.] - HDH, SFE
[Chrysothamnus nauseosus (Pall. ex Pursh) Britton subsp. bigelovii (A Gray) H. M Hall & Clem] - W&W
[Chrysothamnus nauseosus (Pall.) Britton var. bigelovii (A. Gray) H. M. Hall] - IMF, UTF
[Chrysothamnus nauseosus (Pall. ex Pursh) Britton var. bigelovii (A. Gray) H. M. Hall]
[Ericameria nauseosa (Pall. ex Pursh) G. L. Nesom & G. I. Baird subsp. nauseosa var. bigelovii (A. Gray) G. L. Nesom & G. I. Baird] - KTZ
[Linosyris bigelovii A. Gray] - FNA

Ericameria nauseosa (Pall. ex Pursh) G. L. Nesom & G. I. Baird var. glabrata (A. Gray) G. L. Nesom & G. I. Baird - E/W
[Chrysothamnus nauseosus (Pall.) Britton subsp. graveolens (Nutt.) Piper] - GPF, SF!
[Chrysothamnus nauseosus (Pall.) Britton subsp. graveolens (Nutt.) H. M Hall & Clem]- HDH
[Chrysothamnus nauseosus (Pall. ex Pursh) Britton subsp graveolens (Nutt.) Piper] -W&W
[Chrysothamnus nauseosus (Pall.) Britton var glabratus (A. Gray) Cronquist] - UTF
[Chrysothamnus nauseosus (Pall.) Britton var graveolens (Nutt.) H. M Hall] - IMF
[Chrysothamnus nauseosus (Pall. ex Pursh) Britton var. graveolens (Nutt.) H. M. Hall] - FNA
[Ericameria nauseosa (Pall. ex Pursh) G. L. Nesom & G. I. Baird subsp. nauseosa var. glabrata (A. Gray) G. L. Nesom & G. I. Baird - KTZ

Ericameria nauseosa (Pall. ex Pursh) G. L. Nesom & G. I. Baird var. hololeuca (A. Gray) G. L. Nesom & G. I. Baird - KWA, E
[Bigelowia graveolens Nutt. var. hololeuca] - FNA
[Chrysothamnus nauseosus (Pall. ex Pursh). Britt subsp. gnaphalodes (Greene) Hall] - M&H
[Chrysothamnus nauseosus (Pall.) Britton subsp. hololeucus (A. Gray) H. M. Hall & Clem.] - SFE
[Chrysothamnus nauseosus (Pall. ex Pursh) Britton subsp hololeucus (A Gray) H M Hall & Clem] - W&W[1]
[Ericameria nauseosus (Pall. ex Pursh) G L. Nesom & G. I. Baird subsp nauseosa var. hololeuca (A Gray) G L. Nesom & G. I Baird] - KTZ

Ericameria nauseosa (Pall. ex Pursh) G. L. Nesom & G. I. Baird var. juncea (Greene) G. L. Nesom & G. I. Baird - PLS
[Chrysothamnus nauseosus (Pall. ex Pursh) Britton var. junceus (Greene) H. M. Hall & Clem.]
[Chrysothamnus nauseosus (Pall.) Britton var. junceus (Greene) H. M. Hall] - UTF, IMF
[Ericameria nauseosa (Pall. ex Pursh) G. L. Nesom & G. I. Baird subsp. consimilis (Greene) G. L. Nesom & G. I Baird var. juncea (Greene) G. L. Nesom & G. I. Baird] - KTZ

Ericameria nauseosa (Pall. ex Pursh) G. L. Nesom & G. I. Baird var. latisquamea (A. Gray) G. L. Nesom & G. I. Baird
[Bigelowia graveolens (Nuttall) Gray var. appendiculata Eastwood] - KWA
[Bigelowia graveolens (Nuttall) Gray var. latisquameus Gray] - KWA
[Chrysothamnus appendiculatus (Eastwood) Heller] - KWA
[Chrysotamnus latisquameus (Gray) Greene] - KWA
[Chrysothamnus nauseosus subsp. latisquameus (Gray) Hall & Clements] - KWA, M&H, KTZ
[Chrysothamnus nauseosus var. latisquameus (Gray) Hall] - KTZ

[Ericameria nauseosus (Pall. ex Pursh) G. L. Nesom & G. I. Baird var. latisquameus (Gray) Hall] - FNA, KWA, KTZ

Ericameria nauseosa (Pall. ex Pursh) G. L. Nesom & G. I. Baird var. leiosperma (A. Gray) G. L. Nesom & G. I. Baird - FNA, W

[Bigelowia leiosperma A. Gray in A. Gray] - FNA

[Chrysothamnus nauseosus (Pall.) Britton subsp. leiospermus (A. Gray) H. M. Hall & Clem.] - SFW

[Chrysothamnus nauseosus (Pall. ex Pursh) Britton subsp. leiospermus (A. Gray) H. M. Hall & Clem.] - W&W

[Chrysothamnus nauseosus (Pall.) Britton var. leiospermus (A. Gray) H. M. Hall] - IMF, UTF

[Ericameria nauseosa (Pall. ex Pursh) G. L. Nesom & G. I. Baird subsp. consimilis (Greene) G. L. Nesom & G. I. Baird var. leiosperma (A. Gray) G. L. Nesom & G. I. Baird] - KTZ

Ericameria nauseosa (Pall. ex Pursh) G. L. Nesom & G. I. Baird var. nauseosa - Dorn01, FNA, E

[Chrysothamnus nauseosus (Pall.) Britton subsp. nauseosus] - GPF, HDH, SFE

[Chrysothamnus nauseosus (Pall. ex Pursh) Britton subsp. nauseosus] - W&W

[Chrysothamnus nauseosus (Pall. ex Pursh) Britton var. nauseosus] - RMC

[Ericameria nauseosa (Pall. ex Pursh) G. L. Nesom & G. I. Baird subsp. nauseosa var. nauseosa] - KTZ

Ericameria nauseosa (Pall. ex Pursh) G. L. Nesom & G. I. Baird var. oreophila (A. Nelson) G. L. Nesom & G. I. Baird - Dorn01, E, FNA

[Chrysothamnus nauseosus (Pall.) Britton subsp. consimilis (Greene) H. M. Hall & Clem.] - HDH, SFE

[Chrysothamnus nauseosus (Pall. ex Pursh) Britton subsp. consimilis (Greene) H. M. Hall & Clem.] - W&W

[Chrysothamnus nauseosus (Pall.) Britton var. consimilis (Greene) H. M. Hall] - UTF

[Chrysothamnus nauseosus (Pall. ex Pursh) Britton var. oreophilus (A. Nelson) H. M. Hall] - RMC

[Chrysothamnus nauseosus (Pall.) Britton var. oreophilus (A. Nelson) H. M. Hall] - IMF

[Chrysothamnus nauseosus (Pall. ex Pursh) Britton subsp. pinifolius (Greene) H. M. Hall & Clem.] - HDH, W&W[1]

[Ericameria nauseosa (Pall. ex Pursh) G. L. Nesom & G. I. Baird subsp. consimilis (Greene) G. L. Nesom & G. I. Baird var. oreophila (A. Nelson) G. L. Nesom & G. I. Baird] - KTZ

Ericameria nauseosa (Pall. ex Pursh) G. L. Nesom & G. I. Baird var. speciosa (Nutt.) G. L. Nesom & G. I. Baird - FNA

[Chrysothamnus nauseosus (Pall.) Britton subsp. albicaulis (Nutt.) Rydb.] - GPF

[Chrysothamnus nauseosus (Pall.) Britton var. albicaulis (Nutt.) Rydb.] - UTF

[Chrysothamnus nauseosus (Pall. ex Pursh) Britton subsp. speciosus (Nutt.) H. M. Hall & Clem.] - HDH, W&W, err. rep.

[Chrysothamnus nauseosus (Pall.) Britton var. speciosus (Nutt.) H. M. Hall] - IMF

[Chrysothamnus speciosus Nutt.] - FNA

[Ericameria nauseosa (Pall. ex Pursh) G. L. Nesom & G. I. Baird subsp. nauseosa var. speciosa (Nutt.) G. L. Nesom & G. I. Baird] - KTZ

{Ericameria nauseosa (Pall. ex Pursh) G. L. Nesom & G. I. Baird var. turbinata (M. E. Jones) G. L. Nesom & G. I. Baird}

{Chrysothamnus nauseosus (Pall.) Britton var. turbinatus (M. E. Jones) S. F. Blake} - IMF, UTF

{Chrysothamnus nauseosus (Pall. ex Pursh) Britton var. turbinatus (M. E. Jones) S. F. Blake}

{Ericameria nauseosa (Pall. ex Pursh) G. L. Nesom & G. I. Baird subsp. consimilis (Greene) G. L. Nesom & G. I. Baird var. turbinata (M. E. Jones) G. L. Nesom & G. I. Baird} - KTZ

Ericameria parryi (A. Gray) G. L. Nesom var. affinis (A. Nelson) G. L. Nesom & G. I. Baird - E/W, FNA

[Chrysothamnus parryi (A. Gray) Greene subsp. affinis (A. Nelson) L. C. Anderson] - SF!, W&W

[Chrysothamnus parryi (A. Gray) Greene var. affinis (A. Nelson) Cronquist] - IMF

[Ericameria parryi (A. Gray) G. L. Nesom & G. I. Baird var. affinis (A. Nelson) G. L. Nesom & G. I. Baird] - KTZ

[Linosyris parryi A. Gray] - FNA

Ericameria parryi (A. Gray) G. L. Nesom var. attenuata (M. E. Jones) G. L. Nesom & G. I. Baird - FNA, KTZ

[Chrysothamnus parryi (A. Gray) Greene subsp. attenuatus (M. E. Jones) H. M. Hall & Clem.] - HDH, W&W

[Chrysothamnus parryi (A. Gray) Greene var. attenuatus (M. E. Jones) Kittell] - UTF

[Chrysothamnus parryi (A. Gray) Greene var. nevadensis (A. Gray) Kittell] - IMF

[Ericameria parryi (A. Gray) G. L. Nesom & G. I. Baird var. attenuata (M. E. Jones) G. L. Nesom & G. I. Baird] - KTZ

Ericameria parryi (A. Gray) G. L. Nesom var. howardii (Parry ex A. Gray) G. L. Nesom & G. I. Baird - Dorn01, E/W, FNA

[Chrysothamnus parryi (A. Gray) Greene subsp. howardii (Parry) H. M. Hall & Clem.] - GPF, HDH, SF!

[Chrysothamnus parryi (A. Gray) Greene subsp. howardii (Parry ex A. Gray) H. M. Hall & Clem.] - W&W

[Chrysothamnus parryi (A. Gray) Greene var. howardii (Parry ex A. Gray) Kittell] - IMF, RMC

[Ericameria parryi (A. Gray) G. L. Nesom & G. I. Baird var. howardii (Parry ex A. Gray) G. L. Nesom & G. I. Baird] - KTZ

Ericameria parryi (A. Gray) G. L. Nesom var. parryi - Dorn01, E/W, FNA

[Chrysothamnus parryi (A. Gray) Greene subsp. parryi] - HDH, SF!, W&W

[Chrysothamnus parryi (A. Gray) Greene var. parryi] - IMF, UTF

[Ericameria parryi (A. Gray) G. L. Nesom & G. I. Baird var. howardii (Parry ex A. Gray) G. L. Nesom & G. I. Baird] - KTZ

Erigeron

(Identification sources: _____)

{Erigeron acris L. var. acris} - IMF (European)

{Erigeron acris L. subsp. acris var. acris}

{Trimorpha acris (L.) Gray} - Nesom89

{Erigeron acris L. var. asteroides (Andrz. ex Besser) DC.} - HDH, GPF

{NS - combination not in FNA Vol. 20}

{Erigeron acris L.] - UTF

{Erigeron acris L. var. asteroides (Andrz.) DC.} - HDH

{Erigeron acris L. subsp. politus (Fr.) Schinz & R. Keller} - KTZ

{Erigeron elongatus Ledeb.} - W&W

{Trimorpha acris (L.) G. L. Nesom var. asteroides (Andrz. ex Besser) G. L. Nesom} - Nesom89

{Trimorpha elongata (Ledeb.) Vierhapper} - W&W[1]

Erigeron acris L. var. kamschaticus (DC.) Herder - Dorn01, FNA

[Erigeron acris L. var. asteroides (Anderz. ex Bess.) DC.] - misapp., RMC

[Erigeron acris L.] - UTF

[Erigeron kamtschaticus DC. {as kamtschaticum}] - FNA

[Erigeron yellowstonensis A. Nelson] - FNA

[Erigeron acris L. subsp. kamtschaticus (DC.) H. Hara] - KTZ

[Trimorpha acris (L.) Gray var. kamtschatica (DC.) G. L. Nesom] - FNA, Nesom89

{Erigeron annuus (L.) Pers.} - HDH, exp., KTZ <KS, NE, OK, UT>

Erigeron aphinactis (A. Gray) Greene var. aphanactis - FNA

[Erigeron concinnus (Hook. & Arn.) Torr. & A. Gray var. aphanactis A. Gray] - FNA

Erigeron argentatus A. Gray - FCF, KTZ <CA, NV, UT>

Erigeron bellidiastrum Nutt. var. bellidiastrum - FNA, HDH, IMF, KTZ, E

[Erigeron bellidiastrum Nutt.] - Dorn01, GPF, SFE, UTF, W&W

Erigeron bellidiastrum Nutt. var. robustus Cronquist - FNA, HDH, IMF, KTZ, E

[Erigeron bellidiastrum Nutt.] - GPF, SFE, UTF, W&W

Erigeron caespitosus Nutt. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Erigeron canus A. Gray - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Erigeron compactus Blake var. consimilis (Cronquist) Blake - Dorn01

Erigeron compositus Pursh - FNA, KTZ, SF!, W&W

[Erigeron compositus Pursh var. discoideus A. Gray] - Dorn01, HDH, IMF, RMC,E/W

[Erigeron compositus Pursh var. glabratus Macoun] - GPF, HDH, IMF, UTF

Erigeron concinnus (Hook. & Arn.) Torr. & A. Gray var. concinnus - FNA, KTZ, W

[Erigeron brandegei A. Gray] - HDH

[Erigeron concinnus (Hook. & Arn.) Torr. & A. Gray] - SFW, W&W[1]
[Erigeron pumilus Nutt. subsp. concinnoides Cronquist] - HDH
[Erigeron pumilus Nutt. subsp. concinnoides Cronquist var. concinnus (Hook. & Arn.) Dorn] - IMF
[Erigeron pumilus Nutt. var. concinnoides Cronquist] - UTF, W&W
[Erigeron pumilus Nutt. var. concinnus (Hook. & Arn.) Dorn] - Dorn01

Erigeron concinnus (Hook. & Arn.) Torr. & A. Gray var. subglaber (Cronquist) G. L. Nesom - FNA, KTZ, W

[Distasis concinna Hook. & Arn] - FNA
[Erigeron aphanactis (A. Gray) Greene] - HDH
[Erigeron concinnus (Hook. & Arn.) Torr. & A. Gray] - SFW, W&W[1]
[Erigeron pumilis Nutt. subsp. concinnoides Cronquist var. subglaber Cronquist] - IMF

Erigeron consimilis Cronquist - FNA, KTZ, W&W, W

[Erigeron compactus S. F. Blake] - SFW, W&W
[Erigeron compactus S. F. Blake var. consimilis (Cronquist) S. F. Blake] - IMF, UTF

Erigeron corymbosus Nutt. - Dorn01, FNA, KTZ

Erigeron coulteri Porter - FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Erigeron divergens Torr. & A. Gray var. divergens - HDH, IMF, UTF, E/W

[Erigeron divergens Torr. & A. Gray] - Dorn01, GPF, KTZ, SF!, W&W

Erigeron eatonii A. Gray var. eatonii - FNA, IMF, KTZ, W&W, E/W

[Erigeron eatonii A. Gray] - Dorn01, SF!, UTF
[Erigeron eatonii A. Gray subsp. eatonii] - HDH

Erigeron elatior (A. Gray) Greene - Dorn01, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

[Erigeron grandiflorus Hook. var. elatior A Gray] - FNA

Erigeron engelmannii A. Nelson var. engelmannii - FNA, IMF, KTZ, E/W

[Erigeron engelmannii A. Nelson] - SF!, UTF, W&W
[Erigeron engelmannii A. Nelson subsp. engelmannii] - HDH

Erigeron eximius Greene - Dorn01, FNA, IMF, KTZ, SF!, W&W, E/W

[Erigeron superbus Greene ex Rydb.] - FNA, HDH, UTF, W&W, nomen nudum
[Erigeron formosissimus Greene] - UTF

Erigeron flagellaris A. Gray - Dorn01, FNA, GPF, IMF, KTZ, SF!, UTF, W&W, E/W

[Erigeron flagellaris A. Gray forma breviligulatus W. A. Weber] - SFE, W&W
[Erigeron flagellaris A. Gray var flagellaris] - HDH

Erigeron formosissimus Greene var. formosissimus - Dorn01, FNA, GPF, HDH, W&W, E/W

[Erigeron formosissimus Greene] - IMF, KTZ, SF!, UTF
[Erigeron pecosensis Standl.] - FNA

Erigeron formosissimus Greene var. viscidus (Rydb.) Cronquist - FNA, GPF, HDH, W&W, E/W

[Erigeron viscidus Rydb.] - FNA
[Erigeron formosissimus Greene] - KTZ, SF!
[Erigeron glabellus Nutt. var. viscidus (Rydb) B. Boivin] - FNA

Erigeron glacialis (Nutt.) A. Nelson var. glacialis - FNA

[Aster glacialis Nutt.] - FNA
[Erigeron calliantheumus Greene] - FNA
[Erigeron peregrinus (Banks ex Pursh) var. angustifolius (A. Gray) Cronquist] - FNA
[Erigeron peregrinus (Banks ex Pursh) Greene var. callianthemus (Greene) Cronquist] - E/W
[Erigeron peregrinus (Pursh) Greene subsp. callianthemus (Greene) Cronquist] - HDH
[Erigeron peregrinus (Banks ex Pursh) Greene subsp. callianthemus (Greene) Cronquist var. callianthemus] - IMF, KTZ
[Erigeron peregrinus (Banks ex Pursh) Greene subsp. callianthemus (Greene) Cronquist] - W&W
[Erigeron peregrinus (Banks) Greene subsp. callianthemus (Greene) Cronq.] - SF!
[Erigeron peregrinus (Pursh) Greene subsp. callianthemus (Greene) Cronquist var. callianthemus] - UTF
[Erigeron peregrinus (Pursh) Greene var. scaposus (Torr. & A. Gray) Cronquist] - Dorn01, FNA
[Erigeron salsuginosus (Richards. ex R. Brown) A. Gray var. glacialis (Nutt.) A Gray] - FNA

Erigeron glabellus Nutt. var. glabellus - Dorn01, FNA, IMF, KTZ, E/W

[Erigeron asper Nutt] - FNA

[Erigeron glabellus Nutt.] - SF!, UTF, W&W
[Erigeron glabellus Nutt. subsp. glabellus] - GPF, HDH
[Erigeron oblanceolatus] - FNA
Erigeron glabellus Nutt. var. pubescens Hook. - Dorn01, FNA, IMF, KTZ, E/W
[Erigeron asper Nutt. var pubescens (Hook.) Breitung] - FNA
[Erigeron glabellus Nutt.] - SF!, UTF, W&W
[Erigeron glabellus Nutt subsp pubescens (Hook.) Cronquist] - FNA, GPF, HDH
Erigeron grandiflorus Hook. - FNA, SF!, W&W, E/W
[Erigeron grandiflorus Hook. subsp. grandiflorus] - KTZ
Erigeron humilis Graham - Dorn01, FNA, IMF, KTZ, SFW, UTF, W&W[1], W
[Erigeron unalaschkensis DC] - FNA
[Erigeron uniflorus var unalaschkensis (DC.) Ostenfeld] – FNA
Erigeron kachinensis S. L. Welsh & Moore - FNA, IMF, KTZ, SFW, UTF, W&W, W
[Erigeron katchinensis S. L. Welsh & Moore] - W&W
Erigeron lanatus Hook. - Dorn01, FNA, KTZ, SF!, W&W, E/W
Erigeron leiomerus A. Gray - Dorn01, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Erigeron linearis (Hook.) Piper - Dorn01, FNA
Erigeron lonchophyllus Hook. - Dorn01, FNA, GPF, HDH, IMF, KTZ, UTF, W&W, E/W
[Trimorpha lonchophylla (Hook.) G. L. Nesom] - SF!, W&W[1]; Nesom89
{Erigeron mancus Rydb.} - HDH, exp., KTZ <UT>, SFW <UT, possibly CO>, W
Erigeron melanocephalus (A. Nelson) A. Nelson - Dorn01, FNA, IMF, KTZ, UTF, E/W
[Erigeron melanocephalus A. Nelson] - HDH, SF!, W&W
Erigeron nanus Nutt. - Dorn01, FNA, KTZ
Erigeron nematophyllus Rydb. - Dorn01, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Erigeron nivalis Nutt. - FNA; Hartman06
[Erigeron acris L.] - UTF
[Erigeron acris L. subsp. acris var. debilis A. Gray]
[Erigeron acris L. subsp. debilis (A. Gray) Piper] - KTZ
[Erigeron acris L. var. debilis A. Gray] - HDH, IMF, E/W
[Erigeron angulosus Gaudin subsp. debilis (A. Gray) Piper)] - FNA
[Erigeron debilis (A. Gray) Rydb.] - FNA
[Erogeron elatus (Hook.) Greene var. bakeri Greene] - FNA
[Erigeron elongatus Ledeb] - W&W
[Erigeron jucundus Greene] - FNA
[Erigeron scotteri B Boivin] - FNA
[Trimorpha acris (L) Gray var debilis (A Gray) G. L. Nesom] - Nesom89
[Trimorpha elongata (Ledeb.) Vierhapper] - SF!, W&W[1]
Erigeron ochroleucus Nutt. var. ochroleucus - Dorn01, FNA, KTZ
[Erigeron parryi Canby & Rose] - KTZ
[NS - see comment in FNA 20: 293 regarding resurrection to specific status of E. parryi outside our range]
Erigeron ochroleucus Nutt. var. scribneri (Canby ex Rydb.) Cronq. - Dorn01, KTZ
Erigeron philadelphicus L. var. philadelphicus - FNA, KTZ, E/W
[Erigeron fraternus Greene]
[Erigeron philadelphicus L.] - GPF, HDH, IMF, SF!, W&W
Erigeron pinnatisectus (A. Gray) A. Nelson - Dorn01, FNA, HDH, KTZ, SF!, W&W, E/W
Erigeron pulcherrimus A. Heller - Dorn01, FNA, IMF, KTZ, SFW, UTF, W&W, W
[Erigeron bistiensis G. L. Nesom & Hevron] - FNA
[Erigeron pulcherrimus A. Heller var. wyomingia (Rydb.) Cronquist] - FNA, GPF, HDH
Erigeron pumilus Nutt. var. pumilus - FNA, W&W, E
[Erigeron pumilis Nutt.] - Dorn01, GPF, SFE
[Erigeron pumilus Nutt subsp pumilus] - HDH, KTZ
[Erigeron pumilus Nutt. var. pumilus] - IMF
Erigeron radicatus Hook. - FNA

[Erigeron huberi S. L. Welsh & N. D. Atwood] - FNA
[Erigeron macounii Greene] - FNA

Erigeron simplex Greene - Dorn01, IMF, KTZ, SF!, UTF, W&W, E/W

Erigeron sparsifolius Eastw. - FNA

[Erigeron utahensis A. Gray var. sparsifolius (Eastw.) Cronquist] - HDH, IMF, KTZ, UTF, W&W, W
[Erigeron utahensis A. Gray] - SFW
[Erigeron vivax (A. Nelson) Rydb.] - FNA

Erigeron speciosus (Lindl.) DC. - Dorn01, FNA, SF!, E/W

[Erigeron conspicuus Rydb.] - FNA
[Erigeron macranthus Nutt.] - FNA
[Erigeron speciosus (Lindl.) DC. var. conspicuus (Rydb.) Breitung] - FNA
[Erigeron speciosus (Lindl.) DC. var. macranthus (Nutt.) Cronquist] - GPF, HDH, IMF, KTZ, UTF, W&W
[Erigeron speciosus (Lindl.) DC. var. speciosus] - GPF, HDH, IMF, KTZ, UTF, W&W
[Erigeron subtrinervis Rydb. ex Porter subsp. conspicuus (Rydb.) Cronquist] - FNA
[Erigeron subtrinervis Rydb. ex Porter var. conspicuus (Rydb.) Cronquist] - FNA
[Stenactis speciosuis Lindl.] - FNA

✣ Erigeron strigosus Muhl. ex Willd. var. strigosus - FNA, GPF, IMF, KTZ, E

[Erigeron ramosus (Walter) Britt., Sterns & Poggenburg] - FNA
[Erigeron ramosus (Walter) Britt., Sterns & Poggenburg var. beyrichii (Fischer & C. A. Meyer) Trelease] - FNA
[Erigeron strigosus Muhl.] - UTF
[Erigeron strigosus Muhl. ex Willd.] - Dorn01, HDH
[Erigeron strigosus (Walter) Britt., Sterns & Poggenburg var. beyrichii (Fischer & C. A. Meyer) Torr. & A. Gray] - FNA
[Stenactis beyrichii Fischer & C. A. Meyer] - FNA
[Stenactis strigosa (Muhl.) DC.] - SFE
[Stenactis strigosa (Muhl. ex Willd.) DC.] - W&W

Erigeron subtrinervis Rydb. ex Porter & Britton - FNA, KTZ, E/W

[Erigeron conspicuus Rydb.] - KTZ
[Erigeron speciosus (Lindl.) DC. var. mollis (A. Gray) S. L. Welsh] - UTF
[Erigeron subtrinervis Rydb.] - GPF, SF!, W&W
[Erigeron subtrinervis Rydb. ex Porter & Britton var. conspicuus (Rydb.) Cronq.] - WYchecklist
[Erigeron subtrinervis Rydb. subsp. subtrinervis] - HDH
[Erigeron subtrinervis Rydb. var. subtrinervis] - IMF
[Erigeron speciosus var. conspicuus (Rydb.) Breitung] - KTZ
[Erigeron subtrinervis subsp. conspicuus (Rydb.) Cronq.] - KTZ

Erigeron tener (A. Gray) A. Gray - Dorn01

[Erigeron caespitosus Nuttall var. tenerus A. Gray] - FNA

Erigeron tracyi Greene - FNA

[Erigeron cinereus A. Gray 1849 {not Hook. & Arnott 1836}] - FNA
[Erigeron colomexicanus A. Nelson] - KTZ, E
[Erigeron colo-mexicanus A. Nelson] - SFE, W&W
[Erigeron commixtus Greene] - FNA
[Erigeron divergens Torr. & A. Gray var. cinereus A. Gray] - HDH, UTF
[Erigeron divergens Torr. & A. Gray var. cinereus (A. Gray) A. Gray] - IMF
[Erigeron modestus A. Gray] - GPF

Erigeron uintahensis Cronquist - FNA, HDH, IMF, KTZ, SFW, W&W, W

[Erigeron speciosus (Lindl.) DC. var. uintahensis (Cronquist) S. L. Welsh] - UTF

Erigeron ursinus D. C. Eat. - Dorn01, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

[Erigeron ursinus D. C. Eat. var. meyerae S. L. Welsh] - FNA
[Erigeron ursinus D. C. Eat. var. ursinus] - UT3

Erigeron utahensis A. Gray - Dorn01, FNA, SFW

[Erigeron stenophyllus A. Gray {as E. stenophyllum}] - FNA
[Erigeron utahensis A. Gray var. tetrapleuris (A. Gray) Cronquist] - FNA, HDH, W&W
[Erigeron utahensis A. Gray var. utahensis] - IMF, KTZ, UTF, W

Erigeron vagus Payson - FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Erigeron vetensis Rydb. - Dorn01, FNA, GPF, HDH, KTZ, SF!, W&W, E/W
[Erigeron glandulosus Porter] - FNA
[Erigeron porteri S F Blake] - FNA
Erigeron vreelandii Greene - FNA, KTZ, W&W, E
[Erigeron patens Greene] - FNA
[Erigeron platyphyllus Greene] - FNA
[Erigeron rudis Wooton & Standl.] - FNA
[Erigeron vreelandii Rydb.] - SFE
♦Erigeron wilkenii O'Kane - **ENDEMIC** <CO>, FNA, KTZ, SFW, W&W, W
[Erigeron nematophyllus Rydb.] - IMF

Eucephalus perelegans (A. Nelson & J. F. Macbr.) W. A. Weber - FNA, SFW, W&W
[Aster perelegans A. Nelson & J. F. Macbr.] - IMF, UTF, W
[Eucephalus elegans Nutt.] - Dorn01, FNA, KTZ, W&W[1]
[Eucephalus perelegans Nutt.] - W&W[1]
Eucephalus engelmannii (D. C. Eaton) Greene - Dorn01, FNA, KTZ, SF!, W&W
[Aster engelmannii (D. C. Eaton) A. Gray] - HDH, IMF, UTF, E/W
[Aster elegans (Nutt.) Torr. & A. Gray var. engelmannii D. C. Eat.] - FNA
[Aster engelmannii (D. C. Eat.) A. Gray] - FNA

Eupatorium (see also **Ageratina, Eutrochium**)

Eurybia integrifolia (Nutt.) G. L. Nesom] - FNA, KTZ <UT, WY>
[Aster integrifolius Nutt] - FCF, HDH rep , KTZ, IMF, UTF, W&W, rep.

Euthamia graminifolia (L.) Nutt. - FNA, SFE, W&W
[Euthamia graminifolia (L.) Nutt. ex Cass. var. major (Michx.) Moldenke] - E
[Euthamia graminifolia (L.) Greene var. graminifolia] - KTZ
[Euthamia graminifolia (L.) Nutt. var. major (Michx.) Moldenke] - Dorn01, GPF
[Solidago graminifolia (L.) Salisb. var. camporum (Greene) Fernald] - HDH
Euthamia gymnospermoides Greene - FNA, GPF, KTZ, SFE, W&W, E
[Euthamnia camporum Greene] - FNA
[Euthamnia chrysothamnoides Greene] - FNA
[Euthamnia glutinosa Rydb] - FNA
[Euthamnia pulverulenta Greene] - FNA
[Solidago gymnospermoides (Greene) Fernald vbar callosa Harris] - FNA
[Solidago texensis Friesner] - FNA
Euthamia occidentalis Nutt. - FNA, GPF, IMF, KTZ, SF!, W&W, E/W
[Euthamnia californica Gandoger] - FNA
[Euthamnia linearifolia Gandoger] - FNA
[Solidago occidentalis (Nutt.) Torr. & A. Gray] - FNA, HDH, UTF

Eutrochium maculatum (L.) E. E. Lamont var. bruneri (A. Gray) E. E. Lamont - FNA
[Eupatoriadelphus maculatus (L.) King & B. L. Rob. var bruneri (A. Gray) King & B L. Rob. - Dorn01
[Eupatorium maculatum L.] - HDH, SF[1], W&W
[Eupatorium maculatum L. subsp. bruneri (A. Gray) G. W. Douglas] - FNA, IMF, W&W[1]
[Eupatorium maculatum L. var. bruneri (A. Gray) Breit.] - GPF, KTZ, UTF, E/W

Flaveria campestris J. R. Johnst. - FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Flaveria trinervia (sprengel) C. Hohr - FNA, KWA, M&H, W&S, KTZ
[Flaveria repanda Lagasca] - KWA
[Oedera trinervia Sprengel] - KWA, KTZ

Franseria (see **Ambrosia**)

Gaillardia X grandiflora Van Houtte - KTZ
[WJ - A hybrid perennial cultivar in gardens and in revegetation projects; usually identified as G. pulchella, which is an annual. Seen along highways and in Louisville Open Space (CO) where it disappears after a few years (usually with Linum perenne)]
[G. aristata X G. pulchella] - KTZ
Gaillardia aristata Pursh - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Gaillardia pinnatifida Torr. - FNA, HDH, IMF, SF!, UTF, W&W, E/W
[Gaillardia gracilis A. Nelson] - FNA
[Gaillardia pinnatifida Torr. var. pinnatifida] - KTZ
Gaillardia pulchella Foug. - FNA, GPF, HDH, SFE, W&W
[Gaillardia pulchella Foug. var. pulchella] - KTZ, E
Gaillardia spathulata A. Gray - FNA, IMF, KTZ, SFW, UTF, W&W, W

* Galinsoga parviflora Cav. - GPF,HDH, KTZ, SFE, W&W, E
* Galinsoga quadriradiata Ruiz & Pav. - Dorn01, FNA, GPF, KTZ, SFE, W&W, E
[Galinsoga ciliata (Raf.) S. F. Blake] - HDH

Gnaphalium (see also **Pseudognaphalium**)
Gnaphalium exilifolium A. Nelson - Dorn01, FNA, HDH, IMF, UTF, E/W
[Gnaphalium uliginosum L.] - GPF, HDH, IMF, misapp., KTZ, SF!, UTF, W&W
Gnaphalium palustre Nutt. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Gnaphalium uliginosum L. - FNA
[FNA: also in Europe but not clear whether all N. American material is introduced]

Grindelia

(Identification sources: _____)

[NS - FNA lumps some taxa typically recognized for our region under either G. squarrosa or especially under G. hirsutula. The latter name has not been used for our region lately. While the FNA treatment necessarily takes the continental-wide perspective and notes - probably correctly - that too many taxa have been recognized, I am hesitant to follow their treatment for our material until rigorous, population-based sampling has been carried out in our region (namely, population aggregation analysis {Davis92} or specimen aggregation analysis {Snow97, Snow03}). To their credit, Strother and Wetter in FNA 20. 432-434 explain in detail how the lumped taxa have been recognized previously. The taxonomy of Grindelia for the SRMR deserve a dissertation level study.]

Grindelia acutifolia Steyerm. - HDH, KTZ, W&W
Grindelia aphanactis Rydb. - IMF, M&H, SFE
Grindelia arizonica A. Gray - FNA
[Grindelia arizonica A. Gray var. dentata Steyerm.] - FNA
[Grindelia arizonica A. Gray var. microphylla Steyerm.] - FNA
[Grindelia arizonica A. Gray var. neomexicana (Wooton & Standl.] - FNA
[Grindelia arizonica A. Gray var. stenophylla Steyerm.] - HDH, KTZ, SFW, W&W, W
[Grindelia laciniata Rydb.] - FNA
[Grindelia neomexicana Wooton & Standl.] - FNA
[Grindelia scabra Greene var neomexicana (Wooton & Standl) Steyerm] - FNA
Grindelia ciliata (Nutt.) Spreng. - FNA
[Donia ciliata Nutt] - FNA

[Prionopsis ciliata (Nutt.) Nutt. - FNA, SF!, W&W, E/W
[Grindelia papposa G. L. Nesom & Suh] - FNA, KTZ
[Haplopappus ciliatus (Nutt.) DC.] - FNA, GPF, HDH

♦Grindelia decumbens Greene var. decumbens - **ENDEMIC** <CO> , HDH, KTZ, W&W
[NS - FNA does not distinguish between varieties]

Grindelia decumbens Greene var. subincisa (Greene) Steyerm. - HDH, KTZ, SFE,W&W, E

Grindelia fastigiata Greene - HDH, IMF, KTZ, SFW, UTF, W&W, W

{Grindelia hirsutula Hook. & Arnott.} - FNA
{NS - see comments above regarding level of lumping}

♦Grindelia inornata Greene var. angusta Steyerm. - **ENDEMIC** <CO>, HDH, KTZ,
[Grindelia inornata Greene] - W&W[1]

♦ Grindelia inornata Greene var. inornata - **ENDEMIC** <CO>, HDH, KTZ, E
[Grindelia inornata Greene] - GPF, SFE, W&W

Grindelia laciniata Rydb. - FCF, HDH, exp., KTZ <AZ, NM, UT>, W&W[1], misid.

Grindelia nana Nutt. - FCF
[NS - probably subsp. integerrima (Rydb.) Steyermark

Grindelia nuda A. W. Wood var. aphanactis (Rydb.) G. L. Nesom - KTZ, E/W
[Grindelia aphanactis Rydb] - HDH, IMF, SF!, UTF, W&W

Grindelia nuda A. W. Wood var. nuda - KTZ
[Grindelia squarrosa (Pursh) Dunal var. nuda (A. W. Wood) A. Gray] - GPF, HDH, W&W

Grindelia revoluta Steyerm. - GPF, HDH, KTZ, SFE, W&W, E

Grindelia squarrosa (Pursh) Dunal var. quasiperennis Lunell - Dorn01, GPF, IMF, KTZ, SFW, W&W, W
[Grindelia perennis A. Nelson] - HDH

Grindelia squarrosa (Pursh) Dunal var. squarrosa - Dorn01, GPF, HDH, IMF, KTZ, UTF, W&W[1], E/W
[Grindelia squarrosa (Pursh) Dunal] - SFE
[Grindelia squarrosa (Pursh) Dunal var. serrulata (Rydb.) Steyerm.] - HDH, IMF, KTZ, SFW, UTF, W&W

Grindelia subalpina Greene - Dorn01, FNA, SFE, W&W, E
[Grindelia erecta A. Nelson] - FNA
[Grindelia subalpina Greene var. erecta (A Nelson) Steyerm.] - FNA, HDH, KTZ
[Grindelia subalpina Greene var. subalpina] - HDH, KTZ

Grossheimia (see **Centaurea**)

♦ Gutierrezia elegans Al Schneider & P. Lyon - Schneider08

Gutierrezia microcephala (DC.) A. Gray - FNA, IMF, KTZ, SFW, UTF, W&W, W
[Gutierrezia lucida Greene] - HDH
[Gutierrezia sarothrae (Pursh) Britton & Rusby var. microcephala (DC.) L. D. Benson] - HDH
[Xanthocephalum microcephalum (DC.) Shinners] - KTZ

Gutierrezia sarothrae (Pursh) Britton & Rusby - Dorn01, FNA, GPF, KTZ, SF!, W&W, E/W
[Gutierrezia lepidota Greene] - HDH
[Gutierrezia sarothrae (Pursh) Britton & Rusby var. sarothrae] - HDH
[Xanthocephalums sarothrae (Pursh) Shinners] - FNA

Haploësthes greggii A. Gray var. texana (J. M. Coult.) I. M. Johnst. - FNA, GPF, KTZ
[Haploesthes greggii A. Gray] - HDH rep., W&W, W&W[1], err. rep.
[Haplopappus texanus J. M. Coult. {as Aplopappus}] - FNA

Haplopappus (see **Ericameria, Haploësthes, Isocoma, Machaeranthera, Oönopsis, Prionopsis, Pyrrocoma, Rayjacksonia, Solidago, Stenotus, Tonestus;** Lane96, FNA Vol. 20)

Helenium autumnale L. - FNA, GPF, HDH
[Helenium autumnale L var montanum (Nutt.) Fernald] - Dorn01, IMF, KTZ, SF!, W&W, E/W
Helenium microcephalum DC. var. microcephalum - FNA, KTZ
[Helenium microcephalum DC]. -SFE, W&W[1], E

Helianthella microcephala (A. Gray) A. Gray - FNA, HDH, IMF, KTZ, SFW, UTF, W&W, W
[Encelia microcephala A. Gray] - FNA
Helianthella parryi A. Gray - FNA, HDH, KTZ, SF!, W&W, E/W
Helianthella quinquenervis (Hook.) A. Gray - Dorn01, FNA, GPF, HDH, KTZ, SF!, W&W, E/W
[Helianthus quinquenervis Hook.] - FNA
Helianthella uniflora (Nutt.) Torr. & A. Gray - Dorn01, FNA, HDH, SF!, UTF, W&W
[Helianthella uniflora (Nutt.) Torr. & A. Gray var. uniflora] - IMF, KTZ, E/W

Helianthus

(Identification sources: _____)

Helianthus annuus L. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, W&W, E/W
[Helianthus annuus L subsp lenticularis (Douglas) Cockerell] - UTF
✣ Helianthus ciliaris DC. - FNA, GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E
{Helianthus grosseserratus M. Martens} - KTZ <KS, NE, OK>, W&W, misid.
{Helianthus grosse-serratus M. Martens} - HDH, exp.
Helianthus maximilianii Schrad. - Dorn01, FNA, GPF, HDH, KTZ, SFE, W&W[1], E
Helianthus nuttallii Torr. & A. Gray subsp. nuttallii - FNA, GPF, KTZ
[Helianthus nuttallii Torr. & A. Gray] - FNA, HDH, IMF, SF!, UTF, W&W, E/W
[Helianthus nuttallii Torr. & A. Gray subsp. rydbergii (Britton) R. W. Long] - GPF, KTZ
Helianthus nuttallii Torr. & A. Gray subsp. rydbergii - Dorn01, FNA
[Helianthus rydbergii Britton] - FNA
{Helianthus X orgyaloides Cockerell} - KTZ
{Helianthus maximiliani X H. salicifolius} - KTZ
Helianthus pauciflorus Nutt. subsp. subrhomboideus (Rydb.) O. Spring & E. Schilling - FNA, KTZ
[Helianthus pauciflorus Nutt. subsp. subrhomboideus (Rydb.) Cronquist] - KTZ
[Helianthus rigidus (Cass.) Desf.] - HDH
[Helianthus rigidus (Cass.) Desf. subsp subrhomboideus (Rydb.) Heiser] - GPF, W&W
[Helianthus rigidus (Cass.) Desf. var subrhomboideus (Rydb.) Cronquist] - Dorn01, E/W
[Helianthus rigidus (Cass.) Desf. var. subrhomboideus (Rydb.) Heiser] - SF!
Helianthus petiolaris Nutt. var. fallax (Heiser) B. L. Turner
[Helianthus petiolaris Nutt subsp. fallax Heiser] - FNA, IMF, KTZ, UTF
Helianthus petiolaris Nutt. var. petiolaris - E/W
[Helianthus petiolaris Nutt.] - Dorn01, GPF, HDH, SF!, W&W
[Helianthus petiolaris Nutt. subsp. petiolaris] - FNA, IMF, KTZ
Helianthus pumilus Nutt. - FNA, GPF, HDH, KTZ, SFE, W&W, E
{Helianthus salicifolius A. Dietr.} - HDH rep., KTZ <KS, OK>, W&W, err. rep.
✣ Helianthus tuberosus L. - FNA, GPF, HDH, IMF, KTZ, SF!, W&W, E/W
[Helianthus tomentosus Michx.] - FNA

[Helianthus tuberosus Nutt.] - UTF
[Helianthus tuberosus Nutt. var. subcanescens A. Gray] - FNA

Heliomeris longifolia (B. L. Rob. & Greenman) Cockerell var. longifolia - FNA
[Gymnolomia annua B.L. Rob. & Greenman]
[Gymnolomia longifolia B. L Rob & Greenman] - M&H
[Gymnolomia multiflora (Nuttall) Bentham & Hooker var. annua M E Jones]
[Heliomeris longifolia Robins. & Greenman] - KWA
[Heliomeris longifolia Cockerell] - IPNI
[Viguiera longifolia (B.L. Rob. & J.L. Greenman) Blake var. annua (M.E. Jones) Welsh] - FNA, KWA
Heliomeris multiflora Nutt. var. multiflora - FNA, KTZ, SF!
[Heliomeris multiflora Nutt.] - SF!, W&W
[Viguiera multiflora (Nutt.) S. F. Blake var. multiflora] - IMF, UTF, E/W
[Viguiera multiflora (Nutt.) S. F. Blake] - Dorn01, HDH
Heliomeris multiflora Nutt. var. nevadensis (A. Nelson) Yates - FNA, KTZ, SFW
[Heliomeris multiflora Nutt.] - SFW, W&W
[Viguiera multiflora (Nutt.) S. F Blake] - HDH
[Viguiera multiflora (Nutt.) S F Blake var nevadensis (A Nelson) S F Blake] - IMF, UTF, W

Heliopsis helianthoides (L.) Sweet var. occidentalis (T. R. Fisher) Steyerm. - KTZ
[NS - present in San Miguel Co, NM]
Heliopsis helianthoides (L.) Sweet var. scabra (Dunal) Fernald - FNA, GPF, SFE, W&W, E
[Heliopsis scabra Dunal] - HDH

Herrickia glauca (Nutt.) Brouillet var. glauca - FNA
[Aster glaucodes S. F. Blake] - IMF
[Aster glaucodes S. F. Blake var. formosus (Greene) Kittell] - HDH rep.,
[Aster glaucodes S. F. Blake var. glaucodes] - HDH, UTF, E/W
[Eucephalus glaucus Nutt.] - SF!, W&W
[Eurybia glauca (Nutt.) G. L. Nesom] - KTZ, W&W[1]
Herrickia horrida Wooton & Standl. - FNA, SFE, W&W, E
[Aster horridus (Wooton & Standl.) S. F. Blake] - HDH, exp.
[Eurybia horrida (Wooton & Standl.) G. L. Nesom] - KTZ, W&W[1]

✣ Heterosperma pinnatum Cav. - FNA, KTZ, SFE, W&W[1], E

Heterotheca

(Identification sources: _____)

Heterotheca canescens (DC.) Shinners - FNA, KTZ <KS, NM, OK>, SFE, W&W, W&W[1], Semple96, E
[Chrysopsis canescens (DC.) Torr. & Gray] - GPF
Heterotheca fulcrata (Greene) Shinners var. amplifolia (Rydb.) Semple - FNA, KTZ, W&W[1], Semple96
[Chrysopsis amplifolia Rydb.] - FNA
[Chrysopsis foliosa Nutt.] - HDH
[Chrysopsis foliosa Nutt. var. amplifolia (Rydb.) A Nelson] - FNA
[Chrysopsis nitidula Wooton & Standl.] - FNA
[Heterotheca fulcrata (Greene) Shinners] - W&W
Heterotheca fulcrata (Greene) Shinners var. fulcrata - FNA, KTZ, W&W[1], Semple96
[Chrysopsis cryptocephala Wooton & Standl.] - FNA

[Chrysopsis elata Osterh.] - FNA
[Chrysopsis fulcrata Greene] - Dorn01, GPF, HDH
[Chrysopsis resinolens A. Nelson] - FNA
[Chrysopsis resinolens A. Nelson var. ciliata A. Nelson] - FNA
[Chrysopsis resinolens A. Nelson subsp. ciliata (A. Nelson) S. F. Blake] - FNA
[Heterotheca fulcrata (Greene) Shinners] - W&W

Heterotheca latifolia Buckley - E

Heterotheca pumila (Greene) Semple - Dorn01, FNA, KTZ, SF!, W&W, E/W, Semple96

Heterotheca stenophylla (A. Gray) Shinners var. angustifolia (Rydb.) Semple - FNA, KTZ, Semple96
[Chrysopsis angustifolia Rydb] - FNA
[Chrysopsis villosa (Pursh) Nutt ex DC. var. angustifolia (Rydb) Cronquist] - FNA
[Heterotheca villosa (Pursh) Shinners var. angustifolia (Rydb.) V. L. Harms] - FNA

Heterotheca stenophylla (A. Gray) Shinners var. stenophylla - FNA, KTZ, Semple96
[Chrysopsis stenophylla (A. Gray) Shinners] - GPF

Heterotheca subaxillaris (Lam.) Britton & Rusby - IMF, KTZ, E
[Heterotheca latifolia Buckley] - GPF, SFE, W&W
[Heterotheca latifolia Buckley var. macgregoris B. Wagenkn.]
[Heterotheca subaxillaris (Lam.) Britton & Rusby subsp. latifolia (Buckley) Semple] - FNA

Heterotheca villosa (Pursh) Shinners var. ballardii (Rydb.) Semple - FNA
[Chrysopsis ballardii Rydb] - FNA

Heterotheca villosa (Pursh) Shinners var. foliosa (Nutt.) Harms - FNA, KTZ, UTF, W&W[1], Semple96, E
[Chrysopsis foliosa Nutt.] - HDH
[Chrysopsis villosa (Pursh) Nutt. var. foliosa (Nutt.) DC.] - GPF
[Heterotheca foliosa (Nutt.) Shinners] - SFE, W&W[1]

Heterotheca villosa (Pursh) Shinners var. minor (Hook.) Semple - Dorn01, FNA, KTZ, W&W[1], Semple96, E/W
[NS - additional synonymy FNA 20: 252]
[Chrysopsis hispida (Hook) DC.] - HDH
[Chrysopsis villosa (Pursh) Nutt ex DC.] - HDH
[Chrysopsis villosa (Pursh) Nutt. var hispida (Hook) A. Gray] - GPF
[Chrysopsis villosa (Pursh) Nutt ex DC. var. hispida (Hook.) A. Gray] - IMF
[Heterotheca villosa (Pursh) Nutt] - SF!
[Heterotheca villosa (Pursh) Shinners var. hispida (Hook.) Harms] - UTF, W&W

Heterotheca villosa (Pursh) Shinners var. nana (A. Gray) Semple - Dorn01, FNA, KTZ, Semple96, E/W
[Chrysopsis canescens (DC) Torr. & A> Gray var. nana A. Gray] - FNA
[Chrysopsis horrida Rydb] - FNA
[Heterotheca horrida (Rydb) Harms] - RMC
[Heterotheca villosa (Pursh) Nutt] - SF!
[Heterotheca villosa (Pursh) Shinners var. horrida (Hook.) Semple] - KTZ

Heterotheca villosa (Pursh) Shinners var. pedunculata (Greene) Harms ex Semple - FNA, KTZ, W&W, Semple96, E/W
[Chrysopsis pedunculata Greene] - FNA
[Heterotheca villosa (Pursh) Nutt.] - SF!

Heterotheca villosa (Pursh) Shinners var. scabra (Eastw.) Semple - KTZ, Semple96, E/W
[Heterotheca villosa (Pursh) Nutt] - SF!

Heterotheca villosa (Pursh) Shinners var. villosa - Dorn01, FNA, KTZ, W&W, Semple96, E/W
[Chrysopsis mollis Nutt] - FNA
[Chrysopsis villosa (Pursh) Nutt ex DC.] - HDH
[Chrysopsis villosa (Pursh) Nutt. var. villosa] - GPF
[Chrysopsis viscida (A. Gray) Greene] - HDH, W&W[1]

[Heterotheca villosa (Pursh) Nutt.] - SF!
Heterotheca zionensis Semple - FNA, KTZ, UTF, Semple96

Hieracium albiflorum Hook. - Dorn01, FNA, GPF, HDH, IMF, KTZ, UTF, E/W
[Chlorocrepis albiflora (Hook.) W. A. Weber] - SF!, W&W
* Hieracium aurantiacum L. - Dorn01, FNA, KTZ, SFE, W&W, E
Hieracium fendleri Sch. Bip. var. fendleri - FNA, KTZ, E/W
[Chlorocrepis fendleri (Sch. Bip.) W. A. Weber] - SF!, W&W
[Hieracium fendleri Sch Bip.] - HDH, IMF, UTF
Hieracium triste Willd. ex Spreng. - Dorn01, FNA
[Chlorocrepis tristis (Willd.) A. Löve & D. Löve subsp. gracilis (Hook.) W. A Weber] - SF!
[Chlorocrepis tristis (Willd. ex Spreng.) A. Löve & D Löve subsp. gracilis (Hook) W A. Weber] - W&W
[Hieracium gracile Hook.] - HDH, UTF
[Hieracium gracile Hook. var. detonsum (A. Gray) A. Gray] - KTZ
[Hieracium gracile Hook. var. gracile] - KTZ, E/W
[Hieracium triste Willd. ex Spreng. var. gracile (Hook.) A. Gray] - IMF
Hieracium umbellatum L. - Dorn01, FNA, GPF, KTZ
[NS - see FNA Vol. 19: 287 for additional synonymy]
[Hieracium umbellatum L. var. scabriusculum Farw.] - RMC

Hymenopappus

(Identification sources: _____)

Hymenopappus filifolius Hook. var. cinereus (Rydb.) I. M. Johnst. - FNA, GPF, IMF, KTZ, SF!, UTF, W&W, E/W
[Hymenopappus arenosus A. Heller] - HDH
[Hymenopappus cinereus Rydb.] - HDH
[Hymenopappus filifolius Hook.] HDH
{Hymenopappus filifolius Hook. var. lugens (Greene) Jeps.} - FNA, IMF, KTZ, W&W, err. rep.
{Hymenopappus filifolius Hook } - HDH
{Hymenopappus filifolius Hook. var. cinereus (Rydb) I. M. Johnst.} - UTF, W&W[1]
{Hymenopappus lugens Greene} - HDH
{Hymenopappus filifolius Hook. var. lugens (Greene) B. L. Turner}
Hymenopappus filifolius Hook. var. luteus (Nutt.) B. L. Turner - Dorn01, FNA, IMF, KTZ, SFW, UTF, W&W, W
[Hymenopappus luteus Nutt.] - HDH
[Hymenopappus filifolius Hook.] - HDH
Hymenopappus filifolius Hook. var. megacephalus B. L. Turner - Dorn01, FNA, IMF, KTZ, SFW, W&W, W
[Hymenopappus filifolius Hook] - HDH
[Hymenopappus filifolius Hook. var. cinereus (Rydb.) I. M. Johnst.] - UTF
Hymenopappus filifolius Hook. var. nudipes (Maguire) B. L. Turner - Dorn01, FNA
[Hymenopappus filifolius Hook. var. alpestris (Maguire) Shinners] - KTZ
♦ Hymenopappus filifolius Hook. var. parvulus (Greene) B. L. Turner - **ENDEMIC** <CO> , FNA, KTZ, SF!, W&W, E/W
[Hymenopappus filifolius Hook] - HDH
Hymenopappus filifolius Hook. var. pauciflorus (I. M. Johnst.) B. L. Turner - FNA, IMF, KTZ, W&W
[Hymenopappus filifolius Hook.] - HDH
[Hymenopappus filifolius Hook. var. cinereus (Rydb.) I. M. Johnst.] - UTF

Hymenopappus filifolius Hook. var. polycephalus (Osterh.) B. L. Turner - FNA, GPF, KTZ, SFE, W&W
[Hymenopappus polycephalus Osterh.] - Dorn01, E
[Hymenopappus cinereus Rydb.] - HDH
Hymenopappus flavescens A. Gray var. flavescens - FNA, GPF, KTZ, E
[Hymenopappus flavescens A. Gray] - SFE, W&W
♦ Hymenopappus newberryi (A. Gray) I. M. Johnst. - **ENDEMIC <CO, NM>,** FNA, KTZ, SF!, W&W, E/W
[Leucampyx newberryi A. Gray] - HDH
{Hymenopappus scabiosaeus L'Hér.} - W&W, err. rep.
{Hymenopappus corymbosus Torr. & A. Gray} - HDH, rep
{Hymenopappus scabiosaeus L'Hér var corymbosus (Torr & A. Gray) B. L. Turner} - KTZ <KS, NE, OK>
Hymenopappus tenuifolius Pursh - FNA, GPF, HDH, KTZ, SFE, W&W, E

Hymenoxys (see also **Tetraneuris**)
Hymenoxys brandegeei (Porter ex A. Gray) K. F. Parker - FNA, HDH, M&H
[Actinea brandegei (Porter) Rydb] - M&H
[Actinella brandegei Porter] - M&H
[Rydbergia brandegei (Porter) Rydb.] - SF!, W&W
[Tetraneuris brandegeei (Porter ex A. Gray) Parker] - JM, KWA, KTZ, E/W
Hymenoxys grandiflora (Torr. & A. Gray) Parker - Dorn01, FNA, HDH, UTF
[Tetraneuris grandiflora (Torr. & A. Gray ex A. Gray) Parker] - KTZ, E/W
[Hymenoxys grandiflora (Torr. & A. Gray ex A. Gray) Parker] IMF
[Rydbergia grandiflora (Torr. & A. Gray) Greene] - SF!, W&W
Hymenoxys helenioides (Rydb.) Cockerell - FNA, HDH, IMF, KTZ, UTF
[Hymenoxys X helenioides (Rydb) Cockerell] - Anderson96, E/W
[Hymenoxys richardsonii X H. hoopesii] - Anderson96
[Picradenia helenioides Rydb] - SF!, W&W
Hymenoxys hoopesii (A. Gray) Bierner - Dorn01, FNA, KTZ, E/W
[Dugaldia hoopesii (A. Gray) Rydb.] - SF!,W&W
[Helenium hoopesii A. Gray] - HDH, IMF, UTF
Hymenoxys odorata DC. - FNA, GPF, HDH, KTZ, E
[Picradenia odorata (DC.) Britton] - SFE, W&W
Hymenoxys richardsonii (Hook.) Cockerell var. floribunda (A. Gray) Parker - Dorn01, FNA, GPF, HDH, IMF, KTZ, UTF, E/W
[Actinella richardsonii (Hook.) var. floribunda A. Gray] - FNA
[Picradenia richardsonii Hook.] - W&W
[Picradenia richardsonii Hook. subsp. floribunda (A. Gray) W. A. Weber] - W&W[1], SFW
[Picradenia richardsonii Hook. var. floribunda (A. Gray) W. A. Weber] - SFE
Hymenoxys richardsonii (Hook.) Cockerell var. richardsonii - Dorn01, FNA, GPF, HDH, IMF, KTZ, UTF, E/W
[Picradenia richardsonii Hook] - W&W
[Picradenia richardsonii Hook subsp. richardsonii] - SF[1], W&W[1]
[Picradenia richardsonii Hook var richardsonii] – KTZ

* Hypochaeris radicata L. - FNA, HDH, IMF, KTZ, SFE, UTF, W&W, E

Isocoma rusbyi Greene - KTZ, Nesom91, W
[Haplopappus drummondii (Torr. & A. Gray) S. F. Blake] - HDH rep , IMF, UTF
[Haplopappus heterophyllus (A. Gray) S F Blake] - GPF
[Haplopappus pluriflorus (A. Gray) H. M Hall] - HDH, rep
[Haplopappus pluriflorus (Torr. & A. Gray) H. M. Hall]

[Haplopappus rusbyi (Greene) Cronquist] - IMF
[Isocoma drummondii (Torr. & A. Gray) Greene] - SFW, W&W
[Isocoma pluriflora (Torr. & A. Gray) Greene] - W&W, W&W[1]

Iva (see also **Cyclachaena**, **Oxytenia)**
Iva annua L. - FNA, GPF, W&W, err. rep.
[Iva annua L. var. annua] - KTZ
Iva axillaris Pursh - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, W&W, E/W
[Iva axillaris L.] - UTF
[Iva axillaris Pursh var. axillaris] - Dorn01
[Iva axillaris Pursh var robustior Hook] - Dorn01

Jacea (see **Centaurea**)

Krigia biflora (Walter) S. F. Blake - FNA, GPF, HDH, SFE, W&W
[Krigia biflora (Walter) S. F Blake var biflora] - KTZ, E

Kuhnia (see **Brickellia**)

✣ Lactuca biennis (Moench) Fernald - Dorn01, Hartman06, FCF, FNA, GPF, IMF, KTZ, SF!, W&W, E/W
[Lactuca spicata (Lam) Hitchc] - HDH
[Sonchus biennis Moench] - FNA
Lactuca canadensis L.] - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W
[Lactuca canadensis L. var. longifolia (Michx.) Farw.] - E/W
Lactuca graminifolia Michx.] - FNA, HDH, SFW, W&W
[Lactuca graminifolia Michx. var. graminifolia] - W
[Lactuca graminifolia Michx. var. arizonica McVaugh] - KTZ
Lactuca ludoviciana (Nutt.) Riddell - Dorn01, FNA, GPF, IMF, KTZ, SFE, UTF, W&W, E
[Lactuca ludoviciana (Nutt.) DC.] - HDH
[Sonchus ludoviciana Nutt.] - FNA
✻ Lactuca serriola L. - Dorn01, FNA, GPF, IMF, KTZ, SF!, UTF, W&W, E/W
[Lactuca scariola L. var. integrata Grenier & Godron] - HDH, orthography
[Lactuca scariola L. var. scariola] - HDH, orthography

Laennecia coulteri (A. Gray) G. L. Nesom - FNA, KTZ, E/W
[Conyza coulteri A. Gray] - HDH, IMF, SF!, UTF, W&W
Laennecia schiedeana (Less.) G. L. Nesom - FNA, KTZ, E/W
[Conyza schiedeana (Less.) Cronquist] - HDH, IMF, SF!, W&W
[Erigeronschiedeanus Less.] - FNA

✻ Lapsana communis L. - FNA, GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E

Lepidotheca (see **Matricaria**)

Leucancantha (see **Centaurea**)

Leucanthemum (see **Chrysanthemum**)

Leucelene (see **Chaetopappa**)

Leucampyx (see **Hymenopappus**)

{Liatris aspera Michx.} W&W, err. rep.
{Liatris aspera Michx. var. aspera} - KTZ <KS, NE, OK>
Liatris lancifolia (Greene) Kittell - Dorn01, FNA, GPF, HDH, KTZ, SFE, W&W, E
[Lacinaria lancifolia Greene] - FNA
[Liatris kansansa (Britt) Rydb.] - FNA
Liatris ligulistylis (A. Nelson) K. Schum. - Dorn01, FNA, GPF, HDH, KTZ, SF!, W&W, E/W
[Lacinaria lligulistylis A. Nelson] - FNA
Liatris punctata Hook. var. punctata - FNA, KTZ
[Liatris punctata Hook.] - Dorn01, GPF, HDH, SF!, W&W, E/W
[Liatris punctata Hook. var. nebraskana Gaiser] - KTZ
Liatris squarrosa (L.) Michx. var. glabrata (Rydb.) Gaiser - FNA, GPF, KTZ, SFE, W&W, E
[Liatris squarrosa (L) Michx. var. glabrata (Rydb.) F. C. Gates]
[Liatris squarrosa (L) Michx.] - HDH

Leibnitzia lyrata (Schultz-Bipontinus) G. L. Nesom - Kartesz (pers. comm. 2008)
[NS - Legler {pers. comm 2009} reports 2 collections from Colfax Co., NM]

Ligularia (see **Packera, Senecio**)

Logfia arvensis (L.) Holub - Dorn01, FNA
[Filago arvensis L.] - Dorn01, KTZ

Lorandersonia baileyi (Wootonm & Standl.) Urbatsch, R. P. Roberts & Neubig - FNA
[Chrysothamnus baileyi Wooton & Standl.] - KTZ
[Chrysothamnus pulchellus (A. Gray) Greene subsp. baileyi (Wooton & Standl.) H M Hall & Clem] - KWA, GPF, HDH, SFE, W&W
[Chrysothamnus pulchellus (A. Gray) Greene var. baileyi (Wooton & Standl.) S. F. Blake - IMF, UTF, E
Lorandersonia linifolia (Greene) Urbatsch, R. P. Roberts & Neubig - FNA
[Chrysothamnus linifolius Greene] - Dorn01, IMF, KTZ, SFW, UTF, W&W, W
[Chrysothamnus viscidiflorus (Hook.) Nutt. subsp. linifolius (Greene) H. M. Hall & Clem.] - HDH
♦Lorandersonia microcephala (Cronquist) Urbatsch, R. P. Roberts & Neubig - **ENDEMIC** <CO, NM>, FNA
[Haplopappus microcephalus Cronquist] - KTZ
[Tonestus microcephalus (Cronquist) G.L. Nesom & D. Morgan] - KTZ

Lygodesmia (see also **Prenanthella, Shinnersoseris**)

(Identification sources: _____)

Lygodesmia grandiflora (Nutt.) Torr. & A. Gray var. arizonica (Tomb) S. L. Welsh - FNA, IMF, UTF
[Lygodesmia arizonica S. Tomb] - KTZ, SFW, W&W, W
Lygodesmia grandiflora (Nutt.) Torr. & A. Gray var. dianthopsis (D. C. Eat.) S. L. Welsh - FNA, IMF
[Lygodesmia dianthopsis D. C. Eat) Tomb] - FNA
[Lygodesmia juncea (Pursh) D Don ex Hook. var. dianthopsis D. C. Eat. in S. Wats.] - FNA
♦ Lygodesmia grandiflora (Nutt.) Torr. & A. Gray var. doloresensis (Tomb) S. L. Welsh - FNA,

UTF
[Lygodesmia doloresensis Tomb] - FNA
Lygodesmia grandiflora (Nutt.) Torr. & A. Gray var. grandiflora - FNA, IMF, UTF
[Lygodesmia grandiflora (Nutt.) Torr. & A. Gray var. stricta Maguire] - FNA
Lygodesmia juncea (Pursh) D. Don ex Hook. - Dorn01, FNA, IMF, KTZ, E/W
[Lygodesmia juncea (Pursh) Hook.] - GPF
[Lygodesmia juncea (Pursh) D. Don] - HDH, SF!, UTF, W&W

Machaeranthera (see also **Arida, Dieteria, Rayjacksonia, Xanthisma, Xylorhiza**)

(Identification sources: _____)

Machaeranthera canescens (Pursh) A. Gray var. ambigua B. L. Turner - IMF, W&W, E/W
[Machaeranthera canescens (Pursh) A Gray] - GPF, SF!
[Machaeranthera canescens (Pursh) A Gray subsp canescens var. ambigua B. L. Turner] - KTZ
Machaeranthera canescens (Pursh) A. Gray var. aristata (Eastw.) B. L. Turner - UTF,W&W, E/W
[Machaeranthera canescens (Pursh) A. Gray] - GPF, SF!
[Machaeranthera canescens (Pursh) A. Gray subsp. glabra (A. Gray) B. L. Turner var. aristata (Eastw.) B. L. Turner] - KTZ
[Machaerantheraa rigida Greene] - IMF
Machaeranthera canescens (Pursh) A. Gray var. canescens - Dorn01, IMF, UTF, W&W, E/W
[Aster canescens Pursh] - HDH
[Aster rubrotinctus S. F. Blake] - HDH
[Machaeranthera canescens (Pursh) A. Gray] - GPF, SF!
[Machaeranthera canescens (Pursh) A. Gray subsp canescens var. canescens] - KTZ
[Machaeranthera canescens (Pursh) A. Gray var latifolia (A. Nels.) S. L. Welsh] - UTF
[Machaeranthera linearis Greene] - GPF
Machaeranthera canescens (Pursh) A. Gray var. glabra A. Gray - Dorn01, W&W, E/W
[Machaeranthera canescens (Pursh) A. Gray] - GPF, SF!
[Machaeranthera canescens (Pursh) A. Gray subsp. glabra (A. Gray) B. L. Turner var. glabra A. Gray] - KTZ
[Machaeranthera linearis Greene] - IMF
Machaeranthera gracilis (Nutt.) Shinners - KTZ, SFW, W&W, W
[Haplopappus gracilis (Nutt.) A. Gray] - HDH, IMF, UTF
{Machaeranthera leucanthemifolia (Greene) Greene} - HDH, W&W, err. rep.
{Aster leucanthemifolius Greene} - HDH
{Machaeranthera canescens (Pursh) A. Gray var. canescens} - W&W[1]
{Machaeranthera canescens (Pursh) A. Gray subsp. canescens var. leucanthemifolia (Greene) S. L. Welsh} - KTZ <UT>
Machaeranthera parviflora A. Gray - IMF, KTZ, SF!, UTF, W&W, E/W
[Aster parvulus S. F. Blake] - HDH
Machaeranthera tanacetifolia (Kunth) Nees - Dorn01, FNA, GPF, KTZ, SF!, W&W, E/W
[Aster tanacetifolius Kunth] - FNA, HDH
[Macheranthera coronopifolia (Nutt.) A. Nelson] - KTZ

Macronema (see **Ericameria**)

✣ Madia glomerata Hook. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Malacothrix sonchoides (Nutt.) Torr. & A. Gray - Dorn01, FNA, IMF, KTZ, SFW, W&W, W
[Malacothrix sonchoides (Nutt.) Torr. & A. Gray var. sonchoides] - HDH

Malacothrix torreyi A. Gray - Dorn01, FNA, IMF, KTZ, SFW, UTF, W&W, W
[Malacothrix sonchoides (Nutt.) Torr. & A. Gray var. torreyi A. Gray] - HDH

Matricaria
[NS - generic boundaries have been unstable]
Matricaria maritima L. - Dorn01
* Matricaria matricarioides (Less.) Porter - Dorn01, GPF, HDH, IMF, E/W
[Chamomilla suaveolens (Pursh) Rydb]
[Lepidotheca suaveolens Nutt.] - SF!, W&W
[Lepidotheca suaveolens (Pursh) Nutt.] - W&W[1]
[Matricaria discoidea DC.] - FNA, KTZ
* Matricaria perforata Merat - KTZ, SF!, W&W, E/W
[Matricaria inodora L.] - HDH
[Matricaria maritima L.] - GPF, UTF
[Matricaria maritima L. var. inodora (L.) Soó] - IMF
[Tripleurospermum inodorum (L.) Sch. Bip.] - FNA
[Tripleurospermum perforata (Merat) M. Lainz] - KTZ
Matricaria recutita L. - Dorn01
[Chamomilla chamomilla (L.) Rydb.] - KTZ
[Chamomilla reticulata (L) Rauschert]- KTZ
[Matricaria chamomilla L 1755 & 1763, non 1753] - KTZ
[Matricaria chamomilla L 1753] - FNA
[Matricaria chamomilla var. coronata (J Gay) Coss. & Germ] - KTZ
[Matricaria suaveolens L]

{Melampodium cinereum DC.} - HDH, KTZ, W&W
Melampodium leucanthum Torr. & A. Gray - FNA, GPF, HDH, KTZ, SFE, W&W, E
[Melampodium strigosum Stuessy] - W&W
Melampodium strigosum Stuessy - FNA

Microseris nutans (Hook.) Sch. Bip. - Dorn01, FNA, GPF, IMF, KTZ, E/W
[Microseris nutans (Geyer) Sch. Bip.] - SF!, UTF
[Microseris nutans (Hook.) Sch. Bip. subsp. nutans]
[Microseris nutans (Geyer ex Hook.) Sch. Bip.] -W&W
[Ptilocalais nutans (Geyer) Greene] -HDH

Mulgedium pulchellum (Pursh) G. Don in R. Sweet - FNA
[Lactuca oblongifolia Nutt - GPF, E/W] - Dorn01
[Lactuca pulchella (Pursh) DC.] - HDH, IMF
[Lactuca tatarica (L.) C. A. Mey. var. pulchella (Pursh) Breitung] - KTZ
[Lactuca tatarica (L.) C. A. Mey. subsp. pulchella (Pursh) Stebbins] - SF!, UTF, W&W
[Sonchus pulchellus Pursh] - FNA

Nothocalais cuspidata (Pursh) Greene - Dorn01, FNA, HDH, KTZ, SFE, W&W, E
[Microseris cuspidata (Pursh) Sch. Bip] - GPF
Nothocalais nigrescens (Henderson) Heller - Dorn01

Oligoneuron (see **Solidago**)

Oligosporus (see **Artemisia**)

* Onopordum acanthium L. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

[Onopordum acanthium L. subsp. acanthium] - FNA

* Onopordum tauricum Willd. - GPF, FNA, HDH, KTZ, W&W, E
[Onopordum tauricum L.] - SFE

Oönopsis engelmannii (A. Gray) Greene - KTZ, SFE, W&W, E
[Bigelowia engelmannii A. Gray] - FNA
[Haplopappus engelmannii (A. Gray) H. M. Hall] - FNA, GPF, HDH

Oönopsis foliosa (A. Gray) Greene var. foliosa - FNA, KTZ, E
[Haplopappus fremontii A. Gray] - FNA
[Haplopappus fremontii A. Gray subsp. fremontii] - GPF, HDH
[Oönopsis foliosa (A Gray) Greene] - SFE, W&W

♦ Oönopsis foliosa (A. Gray) Greene var. monocephala (A. Nelson) Kartesz & Gandhi **ENDEMIC** **<CO>**, FNA, KTZ, E
[Haplopappus fremontii A. Gray subsp. monocephalus (A. Nelson) H. M. Hall] - HDH
[Oönopsis foliosa (A. Gray) Greene] - SFE, W&W
[Pyrrocoma foliosa A. Gray] - FNA

Oönopsis multicaulis (Nutt.) Greene - Dorn01, FNA, KTZ
[Oönopsis argillacea A. Nelson] - FNA
[Haplopappus multicaulis (Nutt.) Gray] - FNA
[Stenotus multicaulis Nutt.] - FNA

♦ Oönopsis sp. nov., G. K. Brown & T. Evans ined. - **ENDEMIC** **<CO>**

Oönopsis wardii (Gray) Greene - , Dorn01FNA
[Haplopappus fremontii subsp wardii (Gray) Hall] - FNA, KTZ
[Haplopappus fremontii var. wardii A. Gray in A. Gray et al. {as Aplopappus fremonti var. wardi}] - FNA
[Haplopappus wardii (Gray) Dorn] - KTZ
[Oönopsis condensata (A. Nelson) A. Nelson] - FNA
[Oönopsis wardii (A. Gray) Greene var. condensata A. Nelson] - FNA

Oreochrysum parryi (A. Gray) Rydb.] - Dorn01, FNA, KTZ, SF!, W&W
[Haplopappus parryi A. Gray] - HDH
[Solidago parryi (A. Gray) Greene] - IMF, UTF, E/W

Oxytenia acerosa Nutt. - FNA, HDH, SFW, UTF, W&W
[Iva acerosa (Nutt.) R. C. Jackson] - IMF, KTZ, W

Packera (see also **Senecio**)

(Identification sources: _____)

Packera cana (Hook.) W. A. Weber & A. Löve - Dorn01, FNA, KTZ, SF!, W&W, E/W
[Senecio canus Hook] - GPF, HDH, IMF, UTF
[Senecio hallii var. discoidea W. A Weber] - FNA
[Senecio harbourii Rydb.] - HDH
[Senecio laramiensis A Nelson] - FNA
[Senecio purshianus Nutt.] - HDH

Packera crocata (Rydb.) W. A. Weber & A. Löve - Dorn01, FNA, KTZ, SF!, W&W, E/W
[Senecio aureus L. var. croceus A. Gray] - FNA
[Senecio crocatus Rydb.] - HDH, IMF, UTF
[Senecio pyrrhochrous Greene] - FNA
[Senecio tracyi Rydb.] - FNA

Packera debilis (Nutt.) W. A. Weber & A. Löve - Dorn01, FNA, KTZ, SFE, W&W, Barkley99, E

[Senecio debilis Nutt.] - HDH, IMF
[Senecio heterodoxus Green ex Rydb.] - FNA

Packera dimorphophylla (Greene) W. A. Weber & A. Löve var. dimorphophylla - Dorn01, FNA, KTZ, Barkley99, E/W
[Packera dimorphophylla (Greene) W. A. Weber & A. Löve] - SF!, W&W[1]
[Packera dimorphophylla (Greene) W. A. Weber & A. Löve subsp dimorphophylla] - W&W
[Senecio dimorphophyllus Greene] - HDH
[Senecio dimorphophyllus Greene var. dimorphophyllus] - IMF, UTF

Packera dimorphophylla (Greene) W. A. Weber & A. Löve var. intermedia (T. M. Barkley) D. K. Trock & T. M. Barkley - KTZ; Trock98, E/W
[Packera dimorphophylla (Greene) W. A. Weber & A. Löve] - SF!
[Packera dimorphophylla (Greene) W A. Weber & A Löve subsp intermedia (T M Barkley) W. A. Weber & A. Löve] - W&W
[Senecio dimorphophyllus Greene var. intermedius T M Barkley] - IMF, UTF

Packera fendleri (A. Gray) W. A. Weber & A. Löve - Dorn01, FNA, KTZ, SF!, W&W, Barkley99, E/W
[Senecio fendleri A. Gray] - RMC
[Senecio fendleri A. Gray var. fendleri] - HDH
[Senecio fendleri A. Gray var. lanatus Osterh.] - HDH

{Packera hartiana (A. Heller} W. A. Weber & A. Löve} - KTZ <AZ, NM, UT>; Barkley99
{Senecio hartianus A. Heller} - IMF, W&W, misid

Packera multilobata (Torr. & A. Gray ex A. Gray) W. A. Weber & A. Löve - Dorn01, FNA, KTZ, W&W, Barkley99, W
[Packera multilobata (Torr. & A. Gray) W. A. Weber & A. Löve] - SFW
[Senecio leucoreus Greenman] - FNA
[Senecio multilobatus Torr. & A. Gray] - UTF
[Senecio multilobatus Torr. & A. Gray ex A. Gray] - HDH, IMF, RMC
[Senecio nelsonii Rydb. var uintahensis A. Nelson] - FNA
[Senecio prolixus Greenman] - FNA
[Senecio stygius Greene] - FNA
[Senecio thornberi Greenman] - FNA
[Senecio uintahensis (A. Nelson) Greenman] - HDH, FNA

Packera neomexicana (A. Gray) W. A. Weber & A. Löve var. mutabilis (Greene) W. A. Weber & A. Löve - FNA, KTZ; Barkley99, E/W
[Packera neomexicana (A. Gray) W. A. Weber & A. Löve] - SF!, W&W
[Senecio mutabilis Greene] - HDH
[Senecio neomexicanus A. Gray] - HDH
[Senecio neomexicanus A. Gray var. metcalfei (Greene ex Wooton & Standl.) T. M. Barkley] - FNA
[Senecio neomexicanus A. Gray var. mutabilis (Greene) T. M. Barkley] - IMF, UTF

{Packera obovata (Muhl. ex Willd.) W. A. Weber & A. Löve} - KTZ <KS, OK>, W&W, Barkley99
{Senecio obovatus (Muhl. ex Willd }

Packera oödes (Rydb.) W. A. Weber - SF!, W&W, E/W
[Senecio oodes Rydb.] - HDH
[Senecio streptanthifolius Greene var. oödes (Rydb.) J. F. Bain] - KTZ, Bain88

Packera pauciflora (Pursh) W. A. Weber & A. Löve - Dorn01, FNA, KTZ, W&W, Barkley99, E
[Packera pauciflorus A. Löve & D. Löve] - SFE, W&W[1]
[Senecio aureus L. var. discoideus Hook.] - FNA
[Senecio discoideus (Hook.) Britton]- FNA
[Senecio fedifolius Rydb] - HDH, rep
[Senecio lembertii Greene] - FNA
[Senecio pauciflorus Pursh] - FNA

Packera paupercula (Michx.) W. A. Weber & A. Löve - Dorn01, FNA, KTZ, W&W, Barkley99,

E
[Packera paupercula (Michx.) A. Löve] - SFE, W&W[1]
[Senecio flavoriens Rydb.] - FNA
[Senecio pauperculus Michx.] - GPF, IMF, UTF
[Senecio tweedyi Rydb] - FNA

Packera plattensis (Nutt.) W. A. Weber & A. Löve - Dorn01, FNA, KTZ, SFE, W&W, Barkley99, E
[Senecio plattensis Nutt.] - GPF, HDH, IMF, RMC
[Senecio pseudotomentosus Mackenzie & Bush] - FNA

Packera porteri (Greene) C. Jeffrey - FNA, KTZ; Barkley99, E/W
[Ligularia porteri (Greene) W A. Weber] - **SF!**, W&W
[Senecio porteri Greene] - HDH, IMF

Packera pseudaurea (Rydb.) W. A. Weber & A. Löve var. flavula (Greene) D. K. Trock & T. M. Barkley - FNA, KTZ, Trock98, E/W
[Packera pseudaurea (Rydb.) W. A. Weber & A. Löve] - SF!
[Packera pseudaurea (Rydb.) W. A. Weber & A. Löve subsp. flavula (Greene) W. A. Weber & A. Löve] - W&W
[Senecio flavulus Greene] - HDH
[Senecio pseudaureus Rydb. var. flavulus (Greene) Greenm.] - RMC

Packera pseudaurea (Rydb.) W. A. Weber & A. Löve var. pseudaurea - Dorn01, FNA, KTZ, Barkley99, E/W
[Packera pseudaurea (Rydb) W. A. Weber & A. Löve] - SF!
[Packera pseudaurea (Rydb) W. A. Weber & A. Löve subsp. pseudaurea] - W&W
[Senecio pseudaureus Rydb] - HDH
[Senecio pseudaureus Rydb. var. pseudaureus] - GPF, IMF, RMC

Packera quaerens (Greene) W. A. Weber & A. Löve - KTZ
[Senecio quaerens Greene] - M&H, KWA

Packera sanguisorboides (Rydb.) W. A. Weber & A. Löve - FNA
[Senecio sangisorboides Rydb] - FNA

Packera streptanthifolia (Greene) W. A. Weber & A. Löve - Dorn01, FNA, KTZ, SF!, W&W, Barkley99, E/W, Veldkamp08
[Senecio cymbalarioides Nutt.] - HDH
[Senecio streptanthifolius Greene] - HDH, IMF, UTF
[Senecio streptanthifolius Greene var. borealis (Torr. & A. Gray) J. F. Bain] - RMC, Bain88
[Senecio streptanthifolius Greene var. rubicaulis (Greene) J. F. Bain] - Dorn01; Bain88
[Senecio streptanthifolius Greene var. streptanthifolius] - Dorn01; Bain88

Packera subnuda (DC.) Trock & Barkley - Dorn01 (see also Veldkamp08 re nomenclature)

Packera tridenticulata (Rydb.) W. A. Weber & A. Löve - Dorn01, FNA, KTZ, SF!, W&W, Barkley99, E/W
[Senecio acutidens Rydb.] - HDH
[Senecio compactus (A.Gray) Rydb.] - FNA
[Senecio densus Greene] - FNA
[Senecio mutabilis Greene] - HDH
[Senecio oblanceolatus Rydb.] - FNA
[Senecio tridenticulatus Rydb.] - GPF, RMC

Packera werneriifolia (A. Gray) W. A. Weber & A. Löve - Dorn01, FNA, KTZ, SF!, W&W, Barkley99, E/W
[Packera wernerrifolia (A. Gray) W. A Weber & A. Löve var. werneriifolia] - Dorn01
[Packera wernerrifolia (A. Gray) W. A. Weber & A. Löve var. alpina (A Gray) Dorn] - Dorn01
[Senecio alpicola Rydb] - FNA
[Senecio molinarius Greenm] - HDH, rep
[Senecio perennans A. Nelson] - FNA
[Senecio saxosus Klatt] - HDH

[Senecio scaposus A. Nelson] - FNA
[Senecio werneriifolius (A. Gray) A. Gray] - IMF, UTF
[Senecio werneriaefolius A. Gray var. werneriaefolius] - HDH
[Senecio werneriifolius A. Gray var. incertus Greenm.] - HDH, rep.
[Senecio werneriifolius (A. Gray) A. Gray var. werneriifolius] - UT3

Palafoxia rosea (Bush) Cory - FNA
[Palafoxia macrolepis (Rydb.) Cory] - HDH
[Palafoxia rosea (Bush) Cory var. macrolepis (Rydb.) B. L. Turner] - SFE, W&W
[Palafoxia rosea (Bush) Cory var. macrolepis (Rydb.) B. L. Turner & M. I. Morris] - Dorn01, GPF, KTZ, E
Palafoxia sphacelata (Nutt. ex Torr.) Cory - FNA, KTZ, W&W, E
[Palafoxia sphacelata (Nutt.) Cory] - GPF, HDH, SFE
[Stevia sphacelata Nutt.] - FNA

{Parthenice mollis A. Gray} - HDH rep., KTZ <AZ>, W&W, err. rep.

♦ Parthenium alpinum (Nutt.) Torr. & A. Gray - **ENDEMIC <CO, NM, WY>** Dorn01, FNA, KTZ, E
[Bolophyta alpina Nutt.] - FNA, SFE, W&W
[Bolophyta tetraneuris (Barneby) W. A. Weber] - FNA, SFE, W&W
[Parthenium alpinum (Nutt.) Torr. & A. Gray var. tetraneuris (Barneby) Rollins] - HDH
[Parthenium tetraneuris Barneby] - KTZ
[RH - a tetraploid race of Parthenium alpinum, morphologically not distinct Endemic if recognized]
Parthenium ligulatum (M. E. Jones) Barneby - FNA, IMF, KTZ, UTF, W
[Bolophyta ligulata (M. E. Jones) W. A Weber] - SFW, W&W

Pectis angustifolia Torr. var. angustifolia - FNA, IMF, KTZ, E/W
[Pectis angustifolia Torr.] - Dorn01, GPF, HDH, SF!, UTF, W&W

Pericome caudata A. Gray - FNA, GPF, IMF, KTZ, SFW, E/W
[Pericome caudata A. Gray var. caudata] - HDH, SFE, W&W
[Pericome caudata A. Gray var. glandulosa (Goodman) Harrington] - HDH, SFE, W&W

Petasites sagittatus (Banks ex Pursh) A. Gray - GPF, W&W, E/W
[Petasites frigidus (L.) Fries var sagittatus (Banks ex Pursh) Cherniawsky] - Dorn01, FNA, KTZ
[Petasites sagittatus (Banks) A Gray] - SF!
[Petasites sagittata (Pursh) A Gray] - HDH

Petradoria pumila (Nutt.) Greene var. pumila - FNA, IMF, UTF, W
[Petradoria pumila (Nutt.) Greene] - Dorn01, SFW, W&W
[Petradoria pumila (Nutt.) Greene subsp. pumila] - KTZ
[Solidago petradoria S. F. Blake] - HDH

Picradenia (see **Hymenoxys**)

Picradeniopsis oppositifolia (Nutt.) Rydb. ex Britton - Dorn01, FNA, KTZ, E
[Bahia oppositifolia (Nutt.) DC.] - HDH
[Picradeniopsis oppositifolia (Nutt.) Rydb.] - GPF, SFE, W&W
Picradeniopsis woodhousei (A. Gray) Rydb. - FNA, GPF, KTZ, SFE, W&W, E
[Bahia woodhousei A. Gray] - HDH

Picrothamnus (see **Artemisia**)

Platyschkuhria integrifolia (A. Gray) Rydb. - Dorn01, FNA
[Bahia nudicaulis Gray] - HDH, KTZ
[Bahia nudicaulis A. Gray var. desertorum (M. E Jones) Cronquist] - IMF
[Bahia nudicaulis A. Gray var oblongifolia (A. Gray) Cronquist] - IMF
[Platyschkuhria integrifolia (A. Gray) Rydb var. desertorum (M. E. Jones) W Ellison] - KTZ, UTF
[Platyschkuhria integrifolia (A. Gray) Rydb. var integrifolia] - KTZ
[Platyschkuhria integrifolia (A. Gray) Rydb var oblongifolia (A Gray) W Ellison - FCF, KTZ, SFW, UTF, W&W, W
[Bahia oblongifolia A. Gray] - HDH, rep.

{Pluchea sericea (Nutt.) Coville} - KTZ <AZ, NM, UT>, W&W, err. rep.

Podospermum (see **Scorzonera**)

Prenanthes racemosa Michx. - FNA, HDH,SF!, W&W
[Prenanthes racemosa Michx. var. multiflora (Cronquist) Dorn] - Dorn01 {as taxon distinct from L juncea}, KTZ, E/W
[Prenanthes racemosa Michx. subsp. multiflora Cronquist] - GPF
[Prenanthes racemosa Michx. var. racemosa] - KTZ <WY>, E/W

Prenanthella exigua (A. Gray) Rydb. - FNA, KTZ, SFW, UTF, W&W, W
[Lygodesmia exigua (A. Gray) A. Gray] - IMF
[Lygodesmia exigua A. Gray] - HDH

Prionopsis (see **Grindelia**)

Pseudognaphalium canescens (DC.) W. A. Weber subsp. canescens - FNA, KTZ, E
[Gnaphalium canescens DC.] IMF, name applies to Mexican material
[Gnaphalium wrightii A. Gray] - GPF, HDH, IMF, UTF
[Pseudognaphalium canescens (DC.) W. A. Weber] - SFE, W&W
Pseudognaphalium jaliscense (Greenm.) Anderberg - FNA
[Gnaphalium jaliscense Greenm.] - FNA
Pseudognaphalium macounii (Greene) Kartesz - Dorn01, FNA
[Gnaphalium macounii Greene] - FNA
Pseudognaphalium microcephalum (Nutt.) Anderberg - FNA
[Gnaphalium canescens DC.] IMF, name applies to Mexican material
[Gnaphalium microcephalum Nutt.] - UTF
[Gnaphalium microcephalum Nutt. var. microcephalum] - IMF, misapp.
[Gnaphalium microcephalum Nutt. var. thermale (E E Nelson) Cronquist] - Dorn01, IMF
[Gnaphalium wrightii A Gray] - GPF, HDH, IMF, UTF
[Pseudognaphalium canescens (DC.) W. A. Weber] - SFE, W&W
[Pseudognaphalium canescens (DC.) W. A. Weber subsp microcephalum (Nutt) Kartesz] - KTZ
[Pseudognaphalium canescens (DC) W A. Weber subsp microcephalum (Nutt) Stebbins & Keil] - E
[Pseudognaphalium canescens (DC) W A. Weber subsp thermale (E Nels.) Kartesz] - KTZ
✣ Pseudognaphalium stramineum (Kunth) W. A. Weber - Dorn01, KTZ, SF!, W&W, E/W
[NS - it is unclear whether this name is the same taxon used by Nesom in FNA Vol. 19. 418]
[Gnaphalium chilense Spreng.] - GPF, HDH, UTF
[Gnaphalium chilense Spreng. var. chilense] - RMC
[Gnaphalium stramineum Kunth] - IMF
[Psuedognaphalium stramineum (Kunth) Anderberg {and synonyms therein??, FNA Vol. 19: 418] - FNA
✣Pseudognaphalium viscosum (Kunth) W. A. Weber - KTZ, SF!, W&W[1], E/W
[Gnaphalium macounii Greene] - HDH, IMF

[Gnaphalium viscosum Kunth] - GPF, IMF, misapp., UTF
[Pseudognaphalium macounii (Greene) Kartesz] - KTZ

Psilocarphus brevissimus Nutt. var. brevissimus - FNA, KTZ

Psilochenia (see **Crepis**)

Psilostrophe bakeri Greene - FNA, FCF, HDH, IMF, KTZ, SFW, W&W, W
Psilostrophe tagetina (Nutt.) Greene - HDH, exp., W&W out of range, W&W[1], E
[WJ - roadside waif. Several vists back to original collection site yielded no additional collections]
[Psilostrophe tagetinae (Nutt.) Greene] - SFE
[Psilostrophe tagetina (Nutt.) Greene var. tagetina] - KTZ
Psilostrophe villosa Rydb. - FNA, SFE, exp.
[Psilostrophe tagetina (Nutt.) Greene var. cerifera (A. Nelson) B. L. Turner] - FNA

Ptilocalais (see **Microseris**)

Ptiloria (see **Stephanomeria**)

{Pyrrhopappus grandiflorus (Nutt.) Nutt} - GPF, KTZ <KS, NM, OK>, W&W, err.

Pyrrocoma clementis Rydb. var. clementis - Dorn01, FNA, KTZ, E/W
[Haplopappus clematis (Rydb.) S. F. Blake] - HDH, IMF, UTF
[Pyrrocoma clementis Rydb.] - SF!, W&W
Pyrrocoma crocea (A. Gray) Greene var. crocea - FNA, KTZ, E/W
[Haplopappus croceus A. Gray] - HDH
[Haplopappus croceus A. Gray subsp. croceus] - UTF
[Haplopappus croceus A. Gray var. croceus] - IMF
[Pyrrocoma crocea (A. Gray) Greene] - Dorn01, SF!, W&W
{Pyrrocoma integrifolia (Porter ex A. Gray) Greene} KTZ <WY>, W&W, misid.
{Haplopappus integrifolius A. Gray} - UTF
{Haplopappus integrifolius A. Gr subsp. integrifolius} - HDH
Pyrrocoma lanceolata (Hook.) Greene var. lanceolata - FNA, KTZ, E/W
[Donia lanceolata Hook] - FNA
[Haplopappus lanceolatus (Hook) Torr. & A. Gray] - FNA, HDH, IMF, UTF
[Haplopappus lanceolatus (Hook) Torr. & A. Gray subsp lanceolatus] - GPF
[Haplopappus lanceolatus (Hook) Torr. & A. Gray subsp solidagineus (Greene) H M Hall] - FNA
[Haplopappus lanceolatus (Hook) Torr. & A. Gray var sublanatus Cody] - FNA
[Haplopappus lanceolatus (Hook) Torr. & A. Gray subsp terminalis (D. C Eat.) A. Gray] - FNA
[Haplopappus lanceolatus (Hook) Torr. & A. Gray subsp vaseyi (Parry ex D. C. Eat.) H M Hall] - FNA
[Haplopappus lanceolatus (Hook) Torr. & A. Gray var vaseyi Parry ex D. C. Eat.] - FNA
[Pyrrocoma lanceolata (Hook.) Greene] - Dorn01, SF!, W&W
Pyrrocoma uniflora (Hook.) Greene var. uniflora - FNA, KTZ, E/W
[Haplopappus contractus H. M. Hall] - FNA
[Haplopappus uniflorus (Hook.) Torr. & A. Gray var. uniflorus] - HDH, IMF
[Pyrrocoma uniflora (Hook.) Greene] - Dorn01, SF!, W&W

Rafinesquia neomexicana Gray - FNA, KWA, M&H, KTZ
[Nemoseris neomexicana (Gray) Greene] - KWA, M&H

Ratibida columnifera (Nutt.) Wooton & Standl. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Ratibida tagetes (E. James) Barnhart - Dorn01, FNA, GPF, HDH, KTZ, SFE, W&W, E

Rayjacksonia annua (Rydb.) R. L. Hartm. & M. A. Lane - Dorn01, FNA, KTZ, W&W[1], Lane96, E
[Haplopappus annuus (Rydb.) Cory] - FNA, GPF
[Haplopappus phylocephalus DC. subsp. annuus (Rydb.) H. M. Hall] - HDH
[Machaeranthera annua (Rydb.) Shinners] - FNA
[Machaeranthera phyllocephala (DC.) Shinners] - SFE, W&W
[Sideranthus annuus Rydb.] - FNA
{Rayjacksonia phyllocephala (DC.) R. L. Hartm. & M. A. Lane} - KTZ, W&W[1]; Lane96

Rudbeckia hirta L. var. pulcherrima Farw. - Dorn01, FNA, GPF, KTZ, E/W
[Rudbeckia hirta L.] - HDH, SF!, UTF, W&W
Rudbeckia laciniata L. var. ampla (A. Nelson) Cronquist - Dorn01, FNA, IMF, KTZ, UTF, E/W
[Rudbeckia ampla A Nelson] - SF!, W&W
[Rudbeckia laciniata L.] - HDH
Rudbeckia laciniata L. var. hortensia Bailey - Dorn01
Rudbeckia laciniata L. var. laciniata - Hartman06
Rudbeckia montana A. Gray - FNA, HDH, KTZ, UTF
[Rudbeckia occidentalis Nutt. var. montana (A. Gray) Perdue] - IMF, SFW, W&W, W
Rudbeckia occidentalis Nutt. - FNA, KTZ, UTF
[Rudbeckia occidentalis Nutt. var. occidentalis] - IMF
Rudbeckia triloba L. var. triloba - GPF, KTZ, E
[Rudbeckia beadlei Small] - FNA
[Rudbeckia triloba L.] - SFE, UTF, W&W
[Rubbeckia triloba L. var. beadlei (Small) Fernald] - FNA

Rydbergia (see **Tetraneuris**)

{Saussurea alpina DC.} - HDH, KTZ, W&W, misapp.
Saussurea weberi Hult. - Dorn01, KTZ, SF!, W&W, E/W
[Saussurea densa (Hook.) Rydb.]

Schkuhria multiflora Hook. & Arn. - FNA, KTZ, SFE, E
[Bahia neomexicana A. Gray] - HDH, W&W

Scabrethia scabra (Hook.) W. A. Weber subsp. scabra - FNA, W&W[1]
[Scabrethia scabra (Hook.) W.A. Weber subsp. canescens (W. A. Weber) W. A. Weber] - W&W[1]
[Wyethia scabra Hook] - IMF, UTF, W
[Wyethia scabra Hook subsp scabra] - SFW
[Wyethia scabra Hook var. scabra] - HDH, KTZ, W&W
Scabrethia scabra (Hook.) W. A. Weber subsp. canescens (W. A. Weber) W. A. Weber - FNA
[Wyethia scabra Hook subsp canescens W. A Weber] - SFW
[Wyethia scabra Hook var. canescens W. A Weber] - HDH, KTZ, W&W

* Scorzonera laciniata L. - Dorn01, FNA, GPF, KTZ, E
[Podospermum laciniatum (L.) DC.] - SFE, W&W

Senecio (see also **Packera, Ligularia**)

[NS - The generic boundaries of *Senecio* s.l. are under study [e.g., Pelser07] and additional changes can be expected. The treatment here follows FNA]

(Identification sources: _____)

Senecio amplectens A. Gray var. amplectens - FNA, HDH, IMF, KTZ, UTF, E/W
[Ligularia amplectens (A. Gray) W. A. Weber] -SF!, W&W
Senecio amplectens A. Gray var. holmii (Greene) Harrington - FNA, HDH, IMF, KTZ, UTF, E/W
[Ligularia amplectens (A Gray)W A. Weber var hallii (Greene) Dorn] - Dorn01
[Ligularia holmii (Greene) W. A Weber] - SF!, W&W
Senecio atratus Greene - Dorn01, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
{Senecio bigelovii A. Gray var. bigelovii} - HDH, IMF, KTZ <AZ, NM>
{Ligularia bigelovii (A. Gray) W. A. Weber var. bigeloviii} - W&W, misapp.
Senecio bigelovii A. Gray var. hallii A. Gray - FNA, HDH, IMF, KTZ, UTF, E/W
[Ligularia bigelovii (A. Gray) W. A Weber] - SFW
[Ligularia bigelovii (A. Gray) W. A Weber var. hallii (A. Gray) W. A. Weber]- SFE, W&W
[Ligularia bigelovii (A. Gray) W. A Weber var. hallii (A Gray) Dorn] - Dorn01
Senecio crassulus A. Gray - FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Senecio eremophilus Richardson var. eremophilus - FNA, GPF, IMF, KTZ
[Senecio eremophilus Richardson] - Dorn01, HDH, rep.
[Senecio glauciifolius Rydb.] - FNA
Senecio eremophilus Richardson var. kingii (Rydb.) Greenm. - FNA, IMF, KTZ, RMC,UTF, E/W
[Senecio ambrosioides Rydb.] - FNA, HDH
[Senecio eremophilus Richardson subsp. kingii (Rydb.) G. W. Douglas & G. Ruyle-Douglas] - W&W
[Senecio eremophilus Rydb. subsp. kingii (Rydb.) G. W. Douglas & G. Ruyle-Douglas] - SF!
[Senecio kingii Rydb.] - FNA
Senecio flaccidus Less. var. flaccidus - FNA
[Senecio douglasii DC. var. jamesii (Torr. & A. Gray) Eidiger ex Correll & M. C. Johnston] - FNA
[Senecio douglasii DC. var. longilobus (Benth.) L. D. Benson] - FNA
[Senecio longilobus Benth] - FNA
{Senecio flaccidus Less. var. douglasii (DC.) Turner & T. M. Barkley} - KTZ, W&W[1], E/W
{Senecio douglasii DC.} - IMF
{Senecio douglasii DC. subsp. longilobus (Benth.) W. A. Weber} - W&W[1], err. rep.
{Senecio douglasii DC. var. longilobus (Benth.) L. D Benson} - GPF, UTF
{Senecio flaccidus Less.} - IMF
{Senecio flaccidus Less. subsp. douglasii (DC.) Turner & T. M. Barclay} - SFE
{Senecio flaccidus Less. subsp. douglasii (DC.) Turner & T. M. Barkley} - W&W
{Senecio flaccidus Less. var. douglasii (DC.) Turner & T. M. Barclay}- SFW
{Senecio flaccidus Less. var. flaccidus} - KTZ
{Senecio longilobus Benth.] - HDH
Senecio fremontii Torr. & A. Gray var. blitoides (Greene) Cronquist - Dorn01, FNA, IMF, KTZ, SF!, UTF, E/W
[Senecio carthamoides Greene] - HDH
[Senecio fremontii Torr. & - FNAA. Gray subsp blitoides (Greene) W. A. Weber] - W&W
[Senecio invenustus Greene] - FNA
Senecio fremontii Torr. & A. Gray var. fremontii - Dorn01
Senecio hydrophilus Nutt. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Senecio integerrimus Nutt. var. exaltatus (Nutt.) Cronquist - Dorn01, FNA, GPF, IMF, KTZ, UTF, E/W
[Senecio hookeri Torr. & A. Gray] - HDH
[Senecio integerrimus Nutt.] - HDH, SF!, W&W

Senecio integerrimus Nutt. var. integerrimus - Dorn01, FNA, GPF, IMF, KTZ, E W
[Senecio integerrimus Nutt.] - HDH, SF!, W&W
Senecio lugens Richardson - Dorn01
Senecio pudicus Greene - FNA, HDH, IMF, KTZ, UTF, E/W
[Ligularia pudica (Greene) W. A. Weber] - SF!, W&W
Senecio rapifolius Nutt. - Dorn01, FNA, GPF, HDH, KTZ, SFE, W&W, E
Senecio riddellii Torr. & A. Gray - FNA, GPF, HDH, KTZ, SFE, W&W
[Senecio spartioides Torr. & A. Gray var fremontii (Torr. & A Gray) Greenm. ex L. O. Williams] - E
Senecio serra Hook. var. admirabilis (Greene) A. Nelson - Dorn01, FNA, IMF, KTZ, SF!, UTF, W&W, E/W
[Senecio admirabilis Greene] - FNA
[Senecio serra Hook.] - HDH
Senecio serra Hook. var. serra - Dorn01, FNA, KTZ, W&W, IMF
[Senecio andinus Nutt.] - FNA
[Senecio lanceolatus Torr. & A. Gray] - FNA
[Senecio millikenii Eastwood] - FNA
[Senecio serra var. altior Jepson] - FNA, KTZ
[Senecio serra var integriusculus Gray] - KTZ
[Senecio solidago Rydb] - FNA
♦ Senecio soldanella A. Gray - **ENDEMIC <CO, NM>**, FNA, HDH, KTZ, E/W
[Ligularia soldanella (A. Gray) W. A. Weber] - SF!, W&W
Senecio spartioides Torr. & A. Gray var. fremontii (Torr. & A. Gray) Greenm. ex Wms. - Dorn01
Senecio spartioides Torr. & A. Gray var. multicapitatus (Greenm. ex Rydb.) S. L. Welsh - Dorn01, KTZ, E/W
[Senecio multicapitatus Greene] - W&W[1]
[Senecio multicapitatus Greenm.] - SF!
[Senecio multicapitatus Greenm. ex Rydb.] - HDH, W&W
[Senecio spartioides Torr. & A. Gray var. multicapitatus (Greenm.) S. L. Welsh - IMF, UTF
Senecio spartioides Torr. & A. Gray var. spartioides - Dorn01, IMF, KTZ, UTF, E/W
[Senecio spartioides Torr. & A. Gray] - GPF, HDH, SF!, W&W
Senecio sphaerocephalus Greene - Dorn01, FNA, HDH rep., KTZ, W&W, misid.
♦ Senecio taraxacoides (A. Gray) Greene - **ENDEMIC <CO, NM>,** FNA, HDH, KTZ, E/W
[Ligularia taraxacoides (A. Gray) W. A. Weber] - SF!, W&W
[Senecio amplectens A. Gray var. taraxacoides A. Gray] - FNA
Senecio triangularis Hook. - FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
[Senecio gibbonsii Greene] - FNA
[Senecio triangularis var. angustifolius G. N. Jones] - FNA
* Senecio vulgaris L. - Dorn01, FNA, GPF, HDH rep., IMF, KTZ, SF!, UTF, W&W, E/W
Senecio wootonii Greene - FNA, HDH, KTZ, SF!, W&W, E/W

Seriphidium (see **Artemisia**)

Shinnersoseris rostrata (A. Gray) Tomb - Dorn01, FNA, GPF, KTZ, SFE, W&W, E
[Lygdoesmia juncea (Pursh) Hook. var. rostrata A. Gray] - FNA
[Lygodesmia rostrata A. Gray] - FNA, HDH

Silphium integrifolium Michx. var. laeve Torr. & A. Gray - Dorn01, FNA, GPF, KTZ, E
[Silphium integrifolium Michx] - HDH, SFE, W&W
[Silphium speciosum Nutt.] - FNA
Silphium laciniatum L. - FNA, GPF, HDH, SFE, W&W
[Silphium laciniatum L. var. laciniatum] - KTZ, E

Solidago (see also **Euthamia, Oreochrysum, Petradoria**)

[NS - Quadrinomials not recognized {Snow97} or listed here, e.g. S. simplex complex]

(Identification sources: _____)

Solidago canadensis L. var. gilvocanescens Rydb. - Dorn01, GPF, HDH, IMF, KTZ
- [Doria canescens (Rydb.) Lunell] - FNA
- [Solidago altissima L.] - HDH
- [Solidago altissima L. subsp. gilvocanescens (Rydb.) Semple] - FNA
- [Solidago canadensis L.] - SF!, UTF, W&W
- [Solidago canadensis L. var. canadensis] - HDH
- [Solidago gilvocanescens (Rydb.) Smyth] - FNA
- [Solidago lepida DC. var. elongata (Nutt.) Fernald] - HDH
- [Solidago lepida DC. var. fallax Fernald] - HDH

Solidago canadensis L. var. salebrosa (Piper) M. E. Jones - Dorn01, GPF, IMF, KTZ
- [Solidago canadensis L.] - W&W
- [Solidago polyphylla Rydb.] - IMF
- [Solidago serra Rydb] - IMF

Solidago canadensis L. var. scabra Torr. & A. Gray - GPF, IMF, SF!, E/W
- [Solidago altissima L.] - KTZ
- [Solidago altissima L. var. procera (Aiton) Fernald] - HDH
- [Solidago canadensis L.] - UTF, W&W
- [Solidago canadensis L. var. canadensis] - HDH
- [Solidago canadensis L. var. scabra (Muhl. ex Willd.) Torr. & A. Gray] -
- [Solidago lepida DC. var. elongata (Nutt.) Fernald] - HDH
- [Solidago lepida DC. var. fallax Fernald] - HDH

Solidago gigantea Aiton - Dorn01, FNA, IMF, KTZ, SF!, W&W[1], E/W
- [NS - additional synonymy in FNA 20: 156]
- [Solidago gigantea Aiton var leiophylla Fernald] - HDH
- [Solidago gigantea Aiton var serotina (Kuntze) Cronquist] - GPF
- [Solidago serotinoides A. Löve & D. Löve] - W&W

Solidago lepida DC. - FNA
- [NS - probably overly subdivided, not recognizing subspecies and varieties as per FNA]
- [Aster lepidus (DC.) Kuntze] - FNA
- [Solidago canadensis L. var. lepida (DC.) Cronquist] - FNA
- [Solidago canadensis L. subsp. salebrosa (Piper) D. D. Keck] - FNA
- [Solidago gigantea Ait. var. salebrosa (Piper) Friesner] - FNA
- [Solidago lepida (DC.) var. salebrosa (Piper)Semple] - FNA
- [Solidago salebrosa (piper) Rydb.] - FNA
- [Solidago serotina (Ait.) var. salebrosa Piper] - FNA
- [Solidago sera Rydb.] - FNA

Solidago missouriensis Nutt. var. fasciculata Holz. - Dorn01, KWA, JM, M&H
- [NS - FNA does not subdivide this species following recent treatment of Cronquist but points out that further study of species is needed]
- [Solidago glaberrima Martens] - KTZ, M&H
- [Solidago glaberrima Martens var. mortura (Steele) Palmer & Steyermark] - KTZ
- [Solidago missouriensis var glaberrima (Martens) Rosendahl & Cronq.] - KTZ
- [Solidago tenuissima Woot. & Standl.] - M&H

Solidago missouriensis Nutt. var. missouriensis - Dorn01, GPF, IMF, KTZ, E/W
- [Solidago missouriensis Nutt.] - HDH, SF!, UTF, W&W

Solidago missouriensis Nutt. var. tenuissima (Wooton & Standl.) C. & J. Taylor KTZ, E/W
- [Solidago missouriensis Nutt.] - HDH, SF!, UTF, W&W

[Solidago missouriensis Nutt. var. extraria A. Gray]

Solidago mollis Bartl. - Dorn01, FNA, GPF, HDH, SFE, UTF,W&W

[Doria incana (Torr. & A. Gray) Lunell] - FNA
[Doria mollis (Bartling) Lunell] - FNA
[Solidago incana Torr. & A. Gray] - FNA
[Solidago mollis var angustata Shinners] - FNA
[Solidago mollis var nemoralis (Bartling) A Gray] - FNA
[Solidago mollis Bartl. var. mollis] - KTZ, E

Solidago multiradiata Aiton] - FNA, SF!, IMF, W&W[1]

[Aster multiradiatus (Ait.) Kuntze] - FNA
[Solidago algida Piper] - FNA
[Solidago cusickii Piper] - FNA
[Solidago dilatata A. Nelson] - FNA
[Solidago ciliosa Greene] - HDH
[Solidago multiradiata var. arctica (DC.) Fernald] - FNA
[Solidago multiradiata Aiton var. scopulorum A. Gray] - Dorn01, KTZ, UTF, W&W, E/W
[Solidago scopulorum (A. Gray) A. Nelson] - FNA
[Solidago virgaurea L. var. arctica DC.] - FNA
[Solidago virgaurea L. var. multiradiata (Ait.) Torr. & A. Gray] - FNA

Solidago nana Nutt. - FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

[Aster nanus (Nutt) Kuntze] - FNA
[Solidago nivea Rydb.] - FNA

Solidago nemoralis Aiton var. longipetiolata (Mack. & Bush) Palmer & Stey. - Dorn01, GPF, KTZ, W&W, E/W

[Doria pulcherrima (A. Nelson) Lunell] - FNA
[Solidago canadensis L. var. canescens A. Gray] - FNA
[Solidago decemflora DC.] - FNA
[Solidago longipetiolata Mackenzie] - FNA
[Solidago nemoralis Aiton] - SF!, UTF
[Solidago nemoralis Aiton subsp. longipetiolata (Mackenzie & Bush) G. W. Douglas] - FNA
[Solidago nemoralis Aiton var. longipetiolata (Mackenzie & Bush) E. J Palmer & Steyerm] - FNA
[Solidago nemoralis Aiton subsp. decemflora (DC.) Brammall ex Semple] - FNA
[Solidago pulcherrima A Nelson] - FNA

{Solidago petiolaris Aiton} - see FNA

{Solidago petiolaris Aiton var angusta (Torr. & A. Gray) A. Gray} - KTZ

Solidago ptarmicoides (Nees) B. Boivin - FNA, GPF, E

[NS - additional synonymy in FNA 20: 164]
[Aster ptarmicoides (Nees) Torr. & A. Gray] - HDH
[Oligoneuron album (Nutt.) G. L. Nesom] - KTZ
[Unamia alba (Nutt.) Rydb.] - SFE, W&W

Solidago rigida L. subsp. humilis (Porter) S. B. Heard & Semple - FNA

[Solidago rigida L. var. rigida] - GPF, E/W
[Oligoneuron bombycinum Lunell] - FNA
[Oligoneuron rigidum (L.) Small - SF!, W&W
[Oligoneuron rigidum (L.) Small var humile (Porter) G. L. Nesom] - KTZ
[Oligoneuron rigidum (L) Small var rigidum] - KTZ <KS, NE, OK>
[Solidago bombycinum (Lunnell) Friesner] - FNA
[Solidago canescens (Rydb.) Friesner] - FNA
[Solidago jacksonii (Kuntze) Fernald var. humilis (Porter) Beaudry] - FNA
[Solidago parvirigida Beaudry] - FNA
[Solidago rigida L.] - HDH
[Solidago rigida L. var. canescens (Rydb.) Breitung] - FNA
[Solidago rigida L. subsp. humilis (Porter) S. B. Heard & Semple] - Dornh01
[Solidago rigida L. var. humilis Porter] - Dorn01, GPF

Solidago simplex Kunth var. nana (A. Gray) G. S. Ringius - SF!, W&W[1], E/W

[Solidago bellidiflora Greene] - FNA
[Solidago decumbens Greene var. decumbens] - HDH
[Solidago glutinosa Nutt.] - HDH
[Solidago glutinosa Nutt. var. nana (A.Gray) Croquist] - FNA
[Solidago humilis Pursh var. nana A. Gray in A. Gray] - FNA
[Solidago simplex Kunth] - RMC, Dorn01
[Solidago simplex Kunth subsp simplex var. nana (A Gray) G. S Ringius] - FNA, IMF, KTZ
[Solidago spatulata DC. var. nana (A Gray) Cronquist] - UTF, W&W
[Solidago spathulata Kunth var. nana (A. Gray) Cronquist] - W&W[1]

Solidago simplex Kunth var. simplex - SF!, W&W[1], E/W
[Aster bonplandii Kuntze] - FNA
[Aster confertiflorus (DC.) Kuntze] - FNA
[Solidago aureola Greene] - FNA
[Solidago decumbens Greene] - FNA
[Solidago decumbens Greene var. oreophila (Rydb) Fernald] - FNA, HDH
[Solidago multiradiata Ait. var. neomexicana (A. Gray) Wooton & Standl.] - FNA
[Solidago oreophila Rydb.] - FNA
[Solidago simplex Kunth] - RMC
[Solidago simplex Kunth subsp. simplex var. simplex] - FNA, IMF, KTZ
[Solidago spathulata DC. var. glutinosa (Nutt.) D. D. Keck] - FNA
[Solidago spathulata DC. var. neomexicana (A. Gray) Cronquist] - UTF, W&W
[Solidago vespertina Piper] - FNA
[Solidago virgaurea L. var. confertiflora (DC.) Kurtz] - FNA

Solidago speciosa Nutt. var. pallida Porter - Dorn01, KTZ, SFE, W&W, E
[Solidago pallida (Porter) Rydb] - HDH
[Solidago speciosa Nutt. var rigidiuscula Torr. & A. Gray] - GPF
[Solidago speciosa Nutt subsp. pallida (Porter) Semple] - FNA

Solidago velutina DC. subsp. sparsiflora (A. Gray) Semple - FNA
[NS - more extensive synonymy in FNA 20. 160]
[Solidago velutina DC.] - Dorn01, FNA, IMF, KTZ, SF!, W&W, E W
[Aster velutinus (DC.) Kuntze] - FNA
[Solidago sparsiflora A. Gray] - GPF, HDH, UTF

Solidago wrightii A. Gray - FNA, SFE
[Aster britonii Kuntze] - FNA
[Solidago bigelovii A. Gray] - FNA
[Solidago bigelovii A. Gray var wrightii (A. Gray) A Gray] - FNA
[Solidago wrightii A. Gray var adenophora S. F. Blake] - KTZ, W&W, E

* Sonchus arvensis L. - Dorn01, SF!, UTF, W&W, E/W
[Sonchus arvensis L. subsp. arvensis] - FNA, GPF, KTZ
[Sonchus arvensis L. var. arvensis] - HDH, IMF

* Sonchus asper (L.) Hill - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

* Sonchus oleraceus L. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

* Sonchus uliginosus M. Bieb. - Dorn01, SF!, UTF, W&W, E/W
[Sonchus arvensis L. var. glabrescens Gunther, Grab. & Wimm.] - HDH, IMF
[Sonchus arvensis L. subsp. uliginosus (M. Bieb.) Nyman] - FNA, GPF, KTZ
[Sonchus uliginosus M. Bieb. subsp. glabrescens Guenther]

Sphaeromeria argentea Nutt. - Dorn01, FNA, IMF, KTZ, SFW, W&W, W
[Tanacetum nuttallii Torr. & A. Gray] – HDH

Sphaeromeria capitata Nutt. - Dorn01, FNA, IMF, KTZ, SFW, UTF, W&W, W
[Tanacetum capitatum (Nutt.) Torr. & A. Gray] - FNA

♦ Sphaeromeria simplex (A. Nels.) Heller - Dorn01, FNA, KTZ
[Tanacetum simplex A. Nels.] - KTZ

Stenactis (see **Erigeron**)

Stenotus acaulis (Nutt.) Nutt.] - Dorn01, FNA, KTZ
[Chrysopsis acaulis Nutt.] - FNA
[Haplopappus acaulis (Nutt.) A. Gray] - FNA, IMF
[Haplopappus acaulis (Nutt.) A. Gray subsp. acaulis] - HDH
[Haplopappus acaulis (Nutt.) A. Gray var. acaulis] - UTF
[Haplopappus acaulis (Nutt.) A. Gray var. glabratus D. C. Eaton] - UTF
[Stenotus acaulis Nutt.] - SFW, W&W
[Stenotus acaulis (Nutt.) Nutt. var. acaulis] - W
Stenotus armerioides Nutt. var. armerioides - FNA, KTZ, E/W
[Haplopappus armerioides (Nutt.) A. Gray] - Dor01, GPF, HDH, RMC
[Haplopappus armerioides (Nutt.) A. Gray var. armerioides] - IMF, UTF
[Stenotus armerioides Nutt.] - SF!, W&W
{Stenotus armerioides Nutt. var. gramineus (S. L. Welsh & F. J. Sm.) Kartesz & Gandhi} - KTZ <UT>
{Haplopappus armerioides (Nutt.) A. Gray var. gramineus S. L. Welsh & F. J. Sm.} - IMF, UTF

Stephanomeria exigua Nutt. subsp. exigua - FNA, KTZ, W
[Stephanomeria exigua Nutt.] - HDH, IMF, SFW, UTF, W&W
Stephanomeria pauciflora (Torr.) A. Nelson] - FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W
[Stephanomeria pauciflora (Torr.) A. Nelson var. pauciflora] - E/W
Stephanomeria runcinata Nutt. - FNA, GPF, IMF, KTZ, SF!, UTF, W&W, E/W
Stephanomeria tenuifolia (Raf.) H. M. Hall] - FNA, SFW, W&W[1]
[Ptiloria ramosa Rydb.] - HDH
[Stephanomeria minor (Hook.) Nutt. var. minor] - KTZ
[Stephanomeria tenuifolia (Torr.) H. M. Hall] - GPF, HDH
[Stephanomeria tenuifolia (Torr.) H. M. Hall var. tenuifolia] - UTF
[Stephanomeria tenuifolia (Raf.) H. M. Hall var. tenuifolia] - IMF, KTZ, W
[Stephanomeria wrightii A. Gray] - W&W
{Stephanomeria virgata Bentham} - HDH, exp., W&W, err. rep.
{Stephanomeria virgata Bentham subsp. pleurocarpa (Greene) Gottlieb] - KTZ

Symphyotrichum

(Identification sources: _____)

Symphyotrichum X amethystinum (Nutt.) G. L. Nesom] - FNA, KTZ
[Aster X amethystinus Nutt.] - E
[Aster ericoides L. var. ericoides X A. novae-angliae] - KTZ
[Symphyotrichum amethystinus (Nutt.) G. L. Nesom] - W&W[1]
[Virgulus X amethystinus (Nutt.) Reveal & Keener] - SFE, W&W
Symphyotrichum ascendens (Lindl.) G. L. Nesom - Dorn01, FNA, KTZ, W&W[1]
[Aster adscendens Lindl.] - HDH, IMF, E/W
[Aster chilensis Nees subsp. adscendens (Lindl.) Cronquist] - GPF, UTF
[Aster orthophyllus Greene] - SFE
[Virgulaster ascendens (Lindl.) Semple] - SF!
[Virgulaster ascendens (Lindl. ex Hook.) Semple] - W&W
Symphyotrichum boreale (Torr. & A. Gray) A. Löve & D. Löve - Dorn01, FNA, KTZ, W&W[1]
[Aster borealis (Torr. & A. Gray) Prov.] - E/W
[Aster junciformis Rydb.] - WY checklist
[Aster borealis Prov.] - IMF

[Aster junciformis Rydb.] - GPF, HDH, SF!, UTF, W&W
[Symphyotrichum breale (Prov.) Löve & Löve] - Dorn01

Symphyotrichum campestre (Nutt.) G. L. Nesom - FNA, W&W[1]
[Aster campestris Nutt.] - HDH, IMF, UTF, E/W
[Aster bloomeri A. Gray] - FNA
[Aster campestris Nutt.] - FNA
[Aster campestris Nutt. var. bloomeri (A. Gray) A. Gray)] - FNA
[Aster campestris Nutt. var. campestris] - RMC
[Symphyotrichum campestre (Nutt.) G. L. Nesom var bloomeri (A. Gray) G. L. Nesom] - FNA
[Symphyotrichum campestre (Nutt.) G. L. Nesom var. campestre] - KTZ, W&W[1]
[Virgulus campestris (Nutt.) Reveal & Keener] - FNA, SF!, W&W

Symphyotrichum ciliatum (Ledeb.) G. L. Nesom - Dorn01, FNA, KTZ
[Aster brachyactis S. F. Blake] - GPF, HDH, IMF, UTF, E/W
[Brachyactis ciliata (Ledeb.) Ledeb. subsp. angusta (Lindl.) A. G. Jones]
[Brachyactis ciliata Ledeb. subsp. angusta (Lindl.) A. G. Jones] - SF!, W&W
[Erigeron cilatus Ledeb.] - FNA

Symphyotrichuym ciliolatum (Lindl.) Á. Löve - FNA
[Aster ciliolatus Lindl. - FNA]
[Aster ciliolatus Lindl. var. comatus (Fernald) A. G. Jones] - FNA
[Aster lindleyanus Torr. & A. Gray] - FNA
[Aster wilsonii Rydb.] - FNA

Symphyotrichum eatonii (A. Gray) G. L. Nesom - Dorn01, FNA, KTZ
[Aster bracteolatus Nutt.] - SFW, W&W, W
[Aster eatonii (A. Gray) Howell] - HDH, as synonym of A. oregonus, GPF, IMF, UTF
[Aster oregonus (Nutt.) Torr. & A. Gray JM, M&H, HDH, W&W, err. Rep.
[Symphyotrichum bracteolatum (Nutt.) G. L. Nesom] - W&W[1]

Symphyotrichum ericoides (L.) G. L. Nesom var. ericoides - FNA, KTZ
[Aster ericoides L. var. ericoides] - E/W
[Aster ericoides L.] - FNA, GPF, HDH, IMF
[Symphyotrichum ericoides (L.) G. L. Nesom] - FNA, W&W[1]
[Virgulus ericoides (L.) Reveal & Keener] - FNA, SF!, W&W

Symphyotrichum ericoides (L.) G. L. Nesom var. pansum (S. F. Blake) G. L. Nesom - FNA, KTZ
[Aster ericoides L. var. pansus (S. F. Blake) B. Boivin] - E/W
[Aster ericoides L. subsp. pansus (S. F. Blake) A. G. Jones var. pansus]
[Aster ericoides L. subsp. pansus (S. F. Blake) A. G. Jones var. stricticaulis (Torr. & A. Gray) F. C. Gates]
[Aster ericoides L. var. stricticaulis (Torr. & A. Gray) F. C. Gates] - RMC
[Aster pansus (S. F. Blake) Cronquist] - GPF, IMF, UTF
[Symphyotrichum ericoides (L.) G. L. Nesom] - W&W[1]
[Symphyotrichum ericoides (L.) G. L. Nesom var. stricticaule (Torr. & A. Gray) G. L. Nesom] - KTZ
[Virgulus ericoides (L.) Reveal & Keener] - SF!, W&W

Symphyotrichum ericoides (L.) G. L. Nesom var. stricticaule (Torr. & A. Gray) G. L. Nesom - Dorn01, FNA

Symphyotrichum falcatum (Lindl.) G. L. Nesom var. crassulum (Rydb.) G. L. Nesom - Dorn01, KTZ
[Aster commutatus (Torr. & A Gray) A Gray] - GPF
[Aster commutatus (Torr & A Gray) A Gray var. commutatus] - HDH
[Aster commutatus (Torr. & A Gray) A Gray var crassulus (Rydb.) S F Blake] - HDH
[Aster commutatus (Torr. & A Gray) A Gray var polycephalus (Rydb.) S. F. Blake] - HDH
[Aster falcatus Lindl.] - UTF
[Aster falcatus Lindl subsp commutatus (Torr. & A. Gray) A. G. Jones var. commutatus] - FNA
[Aster falcatus Lindl subsp commutatus (Torr. & A. Gray) A. G. Jones var. crassulus (Rydb.) Cronquist] - FNA
[Aster falcatus Lindl. var. commutatus (Torr. & A. Gray) A. G. Jones] - IMF, E/W
[Aster falcatus Lindl. var. crassulus (Rydb.) Cronquist] - IMF, RMC

[Symphyotrichum falcatum (Lindl.) G. L. Nesom] - W&W[1]
[Symphyotrichum falcatum (Lindl.) G. L. Nesom var. commutatum (Torr.& A. Gray) G. L. Nesom] - KTZ
[Virgulus falcatus (Lindl.) Reveal & Keener] - SF!, W&W

Symphyotrichum falcatum (Lindl.) G. L. Nesom - Dorn01, FNA, W&W[1]
[Aster falcatus Lindl] - GPF, HDH, UTF
[Aster falcatus Lindl var falcatus] - IMF, E/W
[Symphyotrichum falcatum (Lindl.) G. L. Nesom var. falcatum] - KTZ
[Virgulus falcatus (Lindl) Reveal & Keener] - SF!, W&W

Symphyotrichum fendleri (A. Gray) G. L. Nesom - FNA, KTZ
[Aster fendleri A. Gray] - FNA, GPF, HDH, E
[Virgulus fendleri (A. Gray) Reveal & Keener] - FNA, SFE, W&W

Symphyotrichum foliaceum (DC.) G. L. Nesom var. apricum (A. Gray) G. L. Nesom - Dorn01, FNA, KTZ
[Aster foliaceus Lindl.] - SF!
[Aster foliaceus Lindl. ex DC. var. apricus A. Gray] - E/W
[Aster foliaceus Lindl. var. apricus A. Gray] - HDH, IMF, UTF
[Aster foliaceus Lindl. ex DC. var. foliaceus] - W&W
[Symphyotrichum foliaceum (DC.) G. L. Nesom] - W&W[1]

Symphyotrichum foliaceum (DC.) G. L. Nesom var. canbyi (A. Gray) G. L. Nesom - Dorn01, FNA, KTZ
[Aster foliaceus Lindl.] - SF!
[Aster foliaceus Lindl. ex DC. var. canbyi A Gray] - E/W
[Aster foliaceus Lindl. var. canbyi A Gray] - HDH, IMF, UTF
[Aster foliaceus Lindl. ex DC var foliaceus] - W&W
[Symphyotrichum foliaceum (DC.) G. L. Nesom] - W&W[1]

Symphyotrichum foliaceum (DC.) G. L. Nesom var. parryi (D. C. Eat.) G. L. Nesom - Dorn01, KTZ
[Aster foliaceus Lindl.] - SF!
[Aster foliaceus Lindl. ex DC. var. parryi (D. C. Eaton) A. Gray] - E/W
[Aster foliaceus Lindl. var. parryi (D. C. Eaton) A. Gray] - FNA, IMF, UTF
[Aster foliaceus Lindl. var. frondeus A. Gray] - HDH
[Aster foliaceus Lindl. ex DC. var. foliaceus] - W&W
[Symphyotrichum foliaceum (DC.) G. L. Nesom] - W&W[1]

Symphyotrichum frondosum (Nutt.) G. L. Nesom - Dorn01, FNA, KTZ
[Aster frondosus (Nutt.) Torr. & A. Gray] - HDH, IMF, UTF, E/W
[Brachyactis frondosa (Nutt.) A. Gray] - SF!, W&W

Symphyotrichum laeve (L.) A. Löve & D. Löve var. laeve - FNA, W&W[1], err. rep.
[Aster laevis L.] - UTF
[Aster laevis L. var. laevis] - FCF

Symphyotrichum laeve (L.) A. Löve & D. Löve var. geyeri (A. Gray) G. L. Nesom - FNA, KTZ, W&W[1]
[Aster laevis L.] - UTF
[Aster laevis L. var. geyeri A. Gray]- GPF, HDH, IMF, SF!, W&W, E/W
[Symphyotrichum laeve (L.) A. Löve & D. Löve]

Symphyotrichum lanceolatum (Willd.) G. L. Nesom var. hesperium (A. Gray) G. L. Nesom - Dorn01, FNA
[Aster hesperius A. Gray] - IMF, UTF
[Aster lanceolatus Willd. subsp. hesperius (A. Gray) Semple & Chmiel.] - SF!, W&W, E W
[Aster hesperius A. Gray var. hesperius] - HDH
[Aster hesperius A Gray var laetevirens (Greene) Cronquist] - GPF, HDH
[Symphyotrichum lanceolatum (Willd) G. L. Nesom] - W&W[1]
[Symphyotrichum lanceolatum (Willd) G. L. Nesom subsp. hesperium (A Gray) G L. Nesom var. hesperium (A. Gray) G. L. Nesom] - KTZ

Symphyotrichum molle (Rydb.) G. L. Nesom - Dorn01, FNA

[Aster mollis Rydb.] - FNA

Symphyotrichum novae-angliae (L.) G. L. Nesom - Dorn01, FNA, KTZ, W&W[1]
[Aster novae-angliae L.] - FNA, GPF, HDH, IMF, UTF, E
[Symphyotrichum foliaceum (DC.) G. L. Nesom] - W&W[1]
[Virgulus novae-angliae (L.) Reveal & Keener] - FNA, SFE, W&W

Symphyotrichum oblongifolium (Nutt.) G. L. Nesom - Dorn01, FNA, KTZ, W&W[1]
[Aster kumleini Fr] - HDH
[Aster oblongifolius Nutt.] - E
[Aster oblongifolius Nutt. var. oblongifolius] - GPF
[Virgulus oblongifolius (Nutt.) Reveal & Keener] - FNA, SFE, W&W

♦ Symphyotrichum porteri (A. Gray) G. L. Nesom - **ENDEMIC<CO, NM, WY>**, Dorn01, FNA, KTZ, W&W[1]
[Aster ericoides L. var. strictus Porter] - HDH, W&W, misapp
[Aster porteri A Gray - HDH, SFE, W&W, E

Symphyotrichum spathulatum (Lindl.) G. L. Nesom var. spathulatum - KTZ
[Aster occidentalis (Nutt.) Torr. & A. Gray] - UTF
[Aster occidentalis (Nutt.) Torr. & A. Gray var. fremontii (Torr. & A. Gray) A. G. Jones] - E/W
[Aster occidentalis (Nutt.) Torr. & A. Gray var. occidentalis] - HDH, E/W
[Aster spathulatus Lindl.] - SF!
[Aster spathulatus Lindl. ex DC.] - W&W
[Aster spathulatus Lindl. var. spathulatus] - IMF
[Symphyotrichum spathulatum (Lindl.) G. L. Nesom] - W&W[1]

Tagetes micrantha Cavanilles - FNA, KWA, KTZ, M&H
[Tagetes fragrantissima Sessé & Moc.] - KTZ

Tagetes patula L. - Dorn01

Tanacetum (see also **Chrysanthemum, Sphaeromeria**)

* Tanacetum balsamita L. - Dorn01, FNA, IMF
[Balsamita major Desf.] - FNA, KTZ, W&W
[Chrysanthemum balsamita L.] - GPF, HDH
[Chrysanthemum balsamita (L.) Baillon] - FNA
[Chrysanthemum balsamita (L.) Baillon var. tanacetoids Boisser] - FNA
[Pyrethrum majus (Desf) Tzvelev] - FNA

* Tanacetum parthenium (L.) Sch. Bip. - Dorn01, FNA, IMF, KTZ, W&W
[Chrysanthemum parthenium (L.) Bernh.] - GPF, UTF

* Tanacetum vulgare L. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Taraxacum ceratophorum (Ledeb.) DC. - Dorn01, FNA, HDH, IMF, UTF, W&W[1], misid., E/W
[NS - see FNA Vo. 19: 247 for additional synonymy]
[Taraxacum dumetorum Greene] - W&W
[Taraxacum officinale Weber ex F. H. Wigg. subsp. ceratophorum (Ledeb.) Schinz ex Thell.]- KTZ
[Taraxacum ovinum Greene] - W&W
[Taraxacum ovinum Rydb.] - SF!

Taraxacum eriophorum Rydb. - Dorn01, HDH, KTZ, SF!, W&W, E/W

Taraxacum erythrospermum Andrz. ex Besser - FNA, HDH
[Taraxacum laevigatum (Willd) DC. var. erythrospermum (Andrz. ex Besser) J. Weiss] - FNA
[Taraxacum officinale F H. Wiggers var. eryhtrospermum(Andrz. ex Besser) Babington] - FNA
[Taraxacum scanicum Dahlstedt] - FNA

* Taraxacum laevigatum (Willd.) DC. - Dorn01, GPF, IMF, KTZ, UTF, E/W
[Taraxacum officinale Weber] - SF!

Taraxacum lyratum (Ledeb.) DC.] - HDH, IMF, KTZ, UTF, W&W, misapp., E/W
[Taraxacum phymatocarpum J. Vahl] - W&W, W&W[1], misid.

* Taraxacum officinale Weber ex F. H. Wigg. - Dorn01, FNA, IMF, UTF, W&W, E W
[Taraxacum officinale Weber] - GPF, SF!
[Taraxacum officinale F H. Wigg.] - HDH
[Taraxacum officinale Weber ex F. H. Wigg subsp officinale] - KTZ
Taraxacum scopulorum (A. Gray) Rydb. - Dorn01, SF!, W&W
[Taraxacum offiinale F H. Wiggers var. scopulorum A. Gray in A. Gray] - FNA
[Leontodon scopulorum (A. Gray) Rydb] - FNA
* Taraxacum vulgare Lam.
[Taraxacum officinale Weber ex F. H. Wigg. subsp. vulgare (Lam.) Schinz & R. Keller]
[Taraxacum officinale Weber ex F. H. Wigg. subsp. officinale] - KTZ

Tetradymia canescens DC. - Dorn01, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
{Tetradymia glabrata Torr. & A. Gray} - KTZ <UT>, &W, err. rep.
Tetradymia nuttallii Torr. & A. Gray - Dorn01, FNA, HDH, IMF, KTZ, SFW, UTF, W&W, W
Tetradymia spinosa Hook. & Arn. - Dorn01, FNA, HDH, KTZ, SFW, UTF, W&W, W
[Tetradymia spinosa Hook & Arn. var. spinosa] - IMF

Tetraneuris

(Identification sources: _____)

Tetraneuris acaulis (Pursh) Greene var. acaulis - Dorn01, FNA, KTZ, E/W
[Hymenoxys acaulis (Pursh) Parker var. acaulis] - GPF, HDH, IMF
[Tetraneuris acaulis (Pursh) Greene] - SF!, W&W
Tetraneuris acaulis (Pursh) Greene var. arizonica (Greene) Parker - Dorn01, FNA, KTZ, W&W, err. rep., E/W
[Hymenoxys acaulis (Pursh) Parker var. arizonica (Greene) Parker] - HDH, IMF, UTF
[Tetraneuris acaulis (Pursh) Greene] - SF!, W&W
Tetraneuris acaulis (Pursh) Greene var. caespitosa A. Nelson - Dorn01, FNA, KTZ, E/W
[Hymenoxys acaulis (Pursh) Parker var. caespitosa (A. Nelson) Parker] - HDH, IMF
[Hymenoxys acaulis (Pursh) Parker var. lanata (Greene) Cronquist] - UTF
[Tetraneuris brevifolia Greene] - SF!, W&W
Tetraneuris acaulis (Pursh) Greene var. epunctata (A. Nelson) Kartesz & Gandhi - FNA, KTZ
[Hymenoxys acaulis (Pursh) Parker var. epunctata (A Nelson) Cronquist] - IMF<CO>, UTF
[Tetraneuris acaulis (Pursh) Greene] - SF!, W&W
Tetraneuris argentea (A. Gray) Greene - KWA, JM, KTZ <AZ, NM>, W&W <AZ, NM>
[Actinella argentea Gray] - KTZ, M&H
[Actinella formosa A. Nels.] - M&H
[Actinella leptoclada Gray] - M&H
[Hymenoxys argentea (Gray) Parker] - M&H KTZ
Tetraneuris ivesiana Greene - FNA, KTZ, SF!, W&W, E/W
[Hymenoxys acaulis (Pursh) Parker var. ivesiana (Greene) Parker] - HDH, UTF
[Hymenoxys argentea (A. Gray) Parker var. ivesiana (Greene) Cronquist] - IMF
Tetraneuris scaposa (DC.) Greene var. scaposa - FNA, KTZ, E
[Hymenoxys scaposa (DC.) Parker var glabrata (Nutt.) Parker] - GPF
[Hymenoxys scaposa (DC.) Parker var. linearis (Nutt.) Parker] - HDH
[Hymenoxys scaposa (DC.) Parker var. scaposa] - GPF, HDH
[Tetraneuris scaposa (DC.) Greene] - W&W
[Tetraneuris scaposa (DC.) Greene var. linearis Parker] - SFE
[Tetraneuris scaposa (DC.) Greene var. linearis (Nutt.) Parker] - KTZ
Tetraneuris torreyana (Nutt.) Greene - Dorn01, FNA, KTZ, SF!, W&W, E/W
[Hymenoxys torreyana (Nutt.) Parker] - IMF, UTF

{Thelesperma ambiguum A. Gray} - GPF, KTZ, W&W
Thelesperma caespitosum Dorn - Dorn01
Thelesperma filifolium (Hook.) A. Gray - FNA, SFE
[Thelesperma filifolium (Hook.) A. Gray var. intermedium (Rydb.) Shinners] - Dorn01, GPF, KTZ, W&W, E
[Thelesperma trifidum (Poir.) Britton] - HDH
Thelesperma megapotamicum (Spreng.) Kuntze - Dorn01, FNA, HDH, KTZ, SFE, W&W, E
♦ Thelesperma pubescens Dorn - **ENDEMIC <WY>,** Dorn01, KTZ
[NS - as recognized by Dorn01 evidently endemic to WY (see UT3: 236)]
[Thelesperma subnudum var alpinum Welsh] - KTZ, UT3
[Thelesperma windhamii C. J. Hansen] - UT3
Thelesperma subnudum A. Gray - FNA, GPF, HDH, SF!, W&W
[Thelesperma caespitosum Dorn] - KTZ
[Thelesperma subnudum Gray var. caespitosum (Dorn) Welsh] - KTZ
[Thelesperma subnudum A. Gray var. subnudum] - IMF, KTZ, UTF, E/W
[Thelesperma marginatum Rydb.] - Dorn01, KTZ
[Thelesperma subnudum A. Gray var marginatum (Rydb.) T. E. Melchert ex Cronq.] - KTZ

Thymophylla aurea (A. Gray) Greene ex Britton var. aurea - KTZ, E
[Dyssodia aurea (A. Gray) A Nelson] - GPF, HDH, SFE, W&W
[Lowellia aurea A. Gray] - FNA
[Thymophylla aurea (A. Gray) Greene] - W&W[1]
[Thymophylla aurea (A. Gray) Greene var. aurea] - KTZ

Tonestus lyallii (A. Gray) A. Nelson - FNA, KTZ, SF!, W&W, E/W
[Haplopappus lyallii A. Gray] - HDH, IMF
Tonestus pygmaeus (Torr. & A. Gray) A. Nelson - FNA, KTZ, SF!, W&W, E/W
[Haplopappus pygmaeus (Torr. & A. Gray) A. Gray] - HDH
[Stenotus pygmaeus Torr. & A Gray] - FNA

Townsendia

(Identification sources: _____)

Townsendia annua Beaman - FNA, IMF, KTZ, SFW, UTF, W&W, W
Townsendia eximia A. Gray - FNA, HDH, KTZ, SFE, W&W, E
Townsendia exscapa (Richards.) Porter - Dorn01, FNA, GPF, HDH, KTZ, SF!, W&W, E/W
[Aster exscapa Ricahrds. in J. Franklin et al.] - FNA
[Townsendia sericea Hook.] - FNA, HDH
Townsendia fendleri A. Gray - FNA, KTZ, SFE, W&W, E
Townsendia formosa Greene - FNA, GREE (*Hazlett 11,155*; Colfax Co., NM)
♦ Townsendia glabella A. Gray - **ENDEMIC <CO>**, FNA, HDH, KTZ, SFW, W&W, W
Townsendia grandiflora Nutt. - Dorn01, FNA, GPF, HDH, KTZ, SFE, W&W, E
Townsendia hookeri Beaman - Dorn01, FNA, GPF, IMF, KTZ, SF!, UTF, W&W, E/W
Townsendia incana Nutt. - Dorn01, FNA, HDH, IMF, KTZ, SFW, UTF, W&W, W
Townsendia leptotes (A. Gray) Osterh. - Dorn01, FNA, HDH, KTZ, SF!, UTF, W&W, E/W
♦ Townsendia microcephala Dorn - **ENDEMIC <WY>**, Dorn01, FNA, KTZ
Townsendia montana M. E. Jones - FNA, W&W
[Townsendia alpigena Piper var. alpigena] - KTZ
[Townsendia alpigena Piper var. caelilinensis (S. L. Welsh) Kartesz & Gandhi] - FNA
[Townsendia montana M. E. Jones var. montana] - IMF, UTF

[Townsendia montana M. E. Jones var. caelilinensis S. L. Welsh] - FNA
Townsendia nuttallii Dorn - Dorn01, KTZ
{Townsendia hookeri Beaman} - IMF
Townsendia parryi D. C. Eaton - Dorn01, FNA, KTZ
♦ Townsendia rothrockii A. Gray ex Rothrock - **ENDEMIC <CO>,** FNA, KTZ, W&W, E/W
[Townsendia rothrockii A. Gray] - HDH, SF!
Townsendia spathulata Nutt. - Dorn01, FNA, KTZ
Townsendia strigosa Nutt. - FNA, IMF, KTZ, SFW, UTF, W&W, W
[Townsendia strigosa Nutt. var strigosa] - UT3
[Townsendia strigosa var. prolixa S. L. Welsh] - FNA

✻ Tragopogon dubius Scop. - Dorn01, FNA, GPF, IMF, KTZ, UTF, E/W
[Tragopogon dubius Scop. subsp. major (Jacq.) Vollman] - HDH, SF!, W&W
Tragopogon lamottei Rouy - Dorn01
✻ Tragopogon porrifolius L. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
✻ Tragopogon pratensis L. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Trimorpha (see **Erigeron**)

Tripleurospermum (see **Matricaria**)

Unamia (see **Solidago**)

Verbesina encelioides (Cav.) Benth. & Hook. - FNA
[Verbesina encelioides (Cav.) Benth. & Hook. f. ex A. Gray var. exauriculata B. L. Rob. & Greenm.] - IMF, E/W
[Verbesina encelioides (Cav.) Benth. & Hook. subsp. exauriculata (B. L. Rob. & Greenm.) J. R. Coleman] - GPF
[Verbesina encelioides (Cav.) Benth. & Hook. f. ex A. Gray subsp. exauriculata (B. L. Rob. & Greenm.) J. R. Coleman] - KTZ
[Verbesina encelioides (Cav.) Benth & Hook var exauriculata B L. Rob. & Greenm.] - Dorn01, HDH
[Verbesina encelioides (Cav.) Benth var. exauriculata B. L. Rob. & Greenm.] - UTF
[Ximenesia encelioides Cav.] - SF!, W&W

Vernonia baldwinii Torr. var. interior (Small) B. G. Schub. - E, FNA
[Vernonia baldwinii Torr. subsp. interior (Small) W. Z. Faust] - GPF, KTZ, SFE, W&W
Vernonia fasciculata Michx. - FNA, HDH
[Vernonia fasciculata Michx. var. corymbosa (Schwein. ex Keating) Daniels] - E
[Vernonia fasciculata Michx subsp corymbosa (Schwein.) A.Löve & D.Löve] - SFE, W&W
[Vernonia fasciculata Michx subsp corymbosa (Schwein. ex Keating) S. B Jones] - GPF, KTZ
Vernonia marginata (Torr.) Raf. - FNA, GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E

Viguiera (see **Heliomeris**)

Virgulus (see **Aster**)

Virgulaster (see **Aster**)

Wyethia amplexicaulis (Nutt.) Nutt. - Dorn01, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Wyethia arizonica A. Gray - FNA, HDH, IMF, KTZ, SFW, UTF, W&W, W

♦ Wyethia X magna A. Nelson - **ENDEMIC <CO, NM>,** FCF, KTZ, SFW, W
[Wyethia amplexicaulis X W. arizonica] - KTZ
[Wyethia magna A. Nelson ex W. A. Weber] - W&W

Xanthisma

(Identification sources: _____)

♦ Xanthisma coloradense (A. Gray) D. R. Morgan & R. L. Hartm. - **ENDEMIC<CO, WY>**
[RH - with numerous new collections during the past 25 years, the two varieties appear to have merged]
[Aster coloradoensis A. Gray] - FNA, HDH
[Haplopappus coloradoensis (A. Gray) R. L. Hartm. ex Dorn] - RMC
[Machaeranthera coloradensis (A. Gray) Osterh.] - Dorn01, IMF, SF!, E/W
[Machaeranthera coloradoensis (A. Gray) Osterh. var. brandegeei (Rydb.) T. J. Watson ex R. L. Hartm.] - KTZ

[Machaeranthera coloradoënsis (A. Gray) Osterh. var. brandegei (Rydb.) T. J. Watson ex R. L. Hartm.] - W&W[1]
[Machaeranthera coloradoensis (A. Gray) Osterh. var. coloradoensis] - KTZ
[Machaeranthera coloradoënsis (A. Gray) Osterh. var. coloradoensis] - W&W

Xanthisma gracile (Nutt.) D. R. Morgan & R. L. Hartman - FNA
[Dieteria gracilis Nutt.] - FNA
[Haplopappus gracilis (Nutt.) A. Gray] - HDH, IMF, UTF
[Happlopappus ravenii R. C. Jackson] - FNA
[Machaeranthera gracilis (Nutt.) Shinners - KTZ, SFW, W&W, W

Xanthisma grindelioides (Nutt.) D. R. Morgan & R. L. Hartman var. grindelioides - FNA
[Eriocarpum grindelioides Nutt.] - FNA
[Haplopappus nuttallii (Torr.) A. Gray] - HDH
[Haplopappus nuttallii Torr. & A. Gray var. nuttallii] - RMC
[Machaeranthera grindelioides (Nutt.) Shinners] - Dorn01, GPF, SFW, W&W
[Machaeranthera grindelioides (Nutt.) Shinners var. grindelioides] - IMF, KTZ, UTF, W

Xanthisma spinulosum (Pursh) D. R. Morgan & R. L. Hartm. var. glaberrimum (Rydb.) D.R. Morgan & R. L. Hartm. - FNA
[Sideranthus glaberrimus Rydb] - FNA
[Haplopappus spinulosus (Pursh) DC. subsp. glaberrimus (Rydb.) H M Hall] - FNA
[Haplopappus spinulosus (Pursh) DC. var. glaberrimus (Rydb.) S. F. Blake] - FNA
[Macheranthera pinnatifida (Hook.) Shinners var. glaberrima (Rydb.) B. L. Turner & R. L. Hartm.] - Dorn01, FNA
[Xanthisma glaberrimum (Rydb.)] G. L. Nesom & O'Kennon] - FNA

Xanthisma spinulosum (Pursh) D. R. Morgan & R. L. Hartm. var. spinulosum
[Haplopappus spinulosus (Pursh) DC. subsp. cotula (Small) H. M. Hall] - FNA
[Haplopappus texensis R. C. Jackson] - FNA
[Machaeranthera texensis (R. C. Jackson) Shinners] - FNA
[Sideranthus turbinellus Rydb] - FNA

Xanthisma spinulosum (Pursh) D. R. Morgan & R. L. Hartm. var. paradoxum (B. L. Turner & R. L. Hartm.) D. R. Morgan & R. L. Hartm. - FNA
[Machaeranthera pinnatifida (Hook.) Shinners var. paradoxa B. L. Turner & R. L. Hartm.] - FNA
[Haplopappus spinulosus (Pursh) DC. var. paradoxus (B. L. Turner & R. L. Hartm.) Cronq.] - FNA

✻ Xanthium spinosum L. - FNA, GPF, HDH, IMF, KTZ, UTF, E
[Acanthoxanthium spinosum (L.) Fourr.] - SFE, W&W

✣ Xanthium strumarium L. - FNA, SF!, W&W
[NS - numerous additional synonymy in FNA 21: 19]
[Xanthium strumarium L. var. canadense (Mill.) Torr. & A. Gray] - Dorn01, GPF, IMF, KTZ, UTF, E/W

[Xanthium chilense Mill.] - HDH
[Xanthium italicum Moretti] - HDH
[Xanthium pensylvanicum Wallr.] - HDH

Xanthocephalum (see **Gutierrezia**)

Ximenesia (see **Verbesina**)

Xylorhiza glabriuscula Nutt. - Dorn01, FNA, SFW, W&W
[Xylorhiza glabriuscula Nutt. var glabriuscula] - GPF, KTZ, UTF, W
[Aster xylorrhiza Torr. & A. Gray] - HDH
[Machaeranthera glabriuscula (Nutt) Cronquist & D D. Keck] - IMF
{Xylorhiza glabriuscula Nutt. var. villosa (Nutt.) A. Nelson} - KTZ
{Machaeranthera glabriuscula (Nutt.) Cronquist & D. D. Keck} - IMF
{Xylorhiza glabriuscula Nutt.} - W&W
Xylorhiza venusta (M. E. Jones) A. Heller - FNA, KTZ, SFW, UTF, W&W, W
[Aster venustus M. E Jones] - HDH
[Machaeranthera venusta (M. E. Jones) Cronquist & D. D. Keck] - IMF

Zinnia grandiflora Nutt. - FNA, GPF, HDH, IMF, KTZ, SFE, W&W, E

Balsaminaceae - BLS

✣ Impatiens capensis Meerb. - GPF, HDH, KTZ, SFE, W&W, E

Berberidaceae - BER

Berberis fendleri A. Gray - FNA, HDH, KTZ, SF!, UTF, W&W, E/W
Berberis fremontii Torr. - FNA, HDH
[Mahonia fremontii (Torr.) Fedde] - KTZ, SFW, UTF, W&W, W
Berberis haematocarpa Wooton - FNA
[Mahonia haematocarpa (Wooton) Fedde] - KTZ, SFE, W&W, E
Berberis repens Lindl. - FNA, GPF, HDH
[Mahonia repens (Lindl.) G. Don] - Dorn01, KTZ, SF!, UTF, W&W, E/W
* Berberis vulgaris L. - FNA, HDH, KTZ,SFE, UTF, W&W, E

Mahonia (see **Berberis**)

Betulaceae - BET (including Corylaceae)

Alnus incana (L.) Moench var. occidentalis (Dippel) C. L. Hitchc. - Dorn01, E/W
[Alnus incana (L.) Moench subsp. rugosa (Du Roi) R. T. Clausen var. occidentalis (Dippel) C. L. Hitchc.] - UTF
[Alnus incana (L.) Moench subsp. tenuifolia (Nutt.) Breitung] - FNA, KTZ, SF!, W&W
[Alnus incana (L.) Moench subsp. tenuifolia (Nutt.) Breitung forma incisa (W. A. Weber) W. A. Weber] - SFW, W&W
[Alnus tenuifolia Nutt.] - HDH

Betula X eastwoodiae Sarg. - FNA, KTZ
[Betula fontinalis X B. glandulosa]- W&W

[Betula glandulosa X B. occidentalis] - FNA
[Betula nana X B. occidentalis] - KTZ
Betula glandulosa Michx. - Dorn01, Hartman06, FNA, HDH, SF!, UTF, W&W, E/W
[Betula nana L.] - KTZ
Betula occidentalis Hook. - Dorn01, FNA, GFC, GPF, HDH, KTZ, UTF, E/W
[Betula fontinalis Sarg.] - SF[1], W&W
Betula papyrifera Marshall var. papyrifera - GPF, KTZ, E
[Betula papyrifera Marshall] - Dorn01, FNA, HDH, SFE, UTF, W&W
* Betula pendula Roth - FNA, KTZ, UTF
[WJ - an escape in Jefferson Co.]
{Betula pumila L.} - FNA, err. in ed.; Dorn01 (also dismisses its occurrence in WY)
{WJ - not in Colorado}
{Betula glandulosa Michx var glandulifera (Regel) Gleason} - GPF
{Betula pumila L. var. glandulifera Regel} - KTZ
Betula X utahensis Britton - FNA, KTZ, SFE, UTF, W&W fide formula, E
[Betula occidentalis X B. papyrifera] - KTZ

Corylus cornuta Marshall var. cornuta - KTZ, E
[Corylus cornuta Marshall] - Dorn01, GPF, HDH, SFE, W&W
[Corylus cornuta Marshall subsp cornuta] - FNA

Bignoniaceae - BIG

✣ Campsis radicans (L.) Seem. ex Bureau - IMF, KTZ, E/W
[WJ - widely cultivated but evidently never truly "escaping"]
[Campsis radicans (L.) Seem.] - GPF, SF!, UTF, W&W

Catalpa speciosa (Warder) Warder ex Engelm. - KTZ<KS, NE, OK, UT>
[WJ - probably only rarely persisting as an escapee in our region]
[Catalpa speciosa Warder] - GPF, UTF
[Catalpa speciosa Warder ex Engelm.] - IMF

Boraginaceae - BOR (including Ehretiaceae and **HYD**)

{Amsinckia douglasiana A. DC.} - HDH, KTZ, W&W, misid.
{Amsinckia intermedia Fisch. & C. A. Mey.} - GPF, HDH, IMF, UTF, W&W, misid.
{Amsinckia menziesii (Lehm.) A. Nelson & Macbr. var. intermedia (Fisch. & C. A. Mey.) Ganders - KTZ<AZ, NE, UT, WY>
✣ Amsinckia lycopsoides Lehm. - Dorn01, GPF, KTZ, SFE, W&W, E
✣ Amsinckia menziesii (Lehm.) A. Nelson & J. F. Macbr. var. menziesii - KTZ, E
[Amsinckia menziesii (Lehm.) A. Nelson & J. F. Macbr.] - IMF, SFE, UTF, W&W
[Amsinckia retrorsa Suksd.] - SFE, W&W
[Amsinckia rugosa Rydb.] - HDH

* Anchusa azurea Mill. - KTZ, SFE, UTF, W&W, E
* Anchusa officinalis L. - Dorn01, HDH, IMF, KTZ, SFE, UTF, W&W, E

* Asperugo procumbens L. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Buglossoides (see **Lithospermum**)

Cryptantha

(Identification sources: _____)

Cryptantha affinis (A. Gray) Greene - Dorn01, KTZ, HDH, W&W[1]
[Krynitzkia affinis A. Gray] - UT3
Cryptantha ambigua (A. Gray) Greene - Dorn01, HDH,IMF, KTZ, SFW, UTF, W&W, W
†◆Cryptantha aperta (Eastw.) Payson - **ENDEMIC** **<CO>,** HDH, KTZ, W
[EXTINCT fide KTZ]
[Oreocarya aperta Eastw.] - SFW, W&W
Cryptantha bakeri (Greene) Payson - HDH, IMF, KTZ, UTF, W
[Oreocarya bakeri Greene] - SFW, W&W
Cryptantha breviflora (Osterh.) Payson -IMF, KTZ, UTF, W
[Oreocarya breviflora Osterh.] - SFW, W&W
Cryptantha caespitosa (A. Nelson) Payson - Dorn01, HDH, exp., IMF, KTZ, UTF, W
[Oreocarya caespitosa A. Nelson] - SFW, W&W
Cryptantha cana (A. Nelson) Payson - Dorn01, GPF, HDH, KTZ, E
[Oreocarya cana A. Nelson] - SFE, W&W
Cryptantha celosioides (Eastw.) Payson - Dorn01, GPF, IMF, KTZ, E
[Cryptantha bradburiana Payson] - HDH
[Oreocarya celosioides Eastw.] - SFE, W&W
Cryptantha cinerea (Greene) Cronquist var. cinerea - IMF, KTZ, W
[Cryptantha cinerea (Torr.) Cronquist var. cinerea] - UTF
[Cryptantha jamesii (Torr.) Payson var. jamesii] - HDH
[Krynitzkia mutitcaulis var. setosa M. E. Jones] - UT3
[Oreocarya suffruticosa (Torr.) Greene] - SFW, W&W[1]
Cryptantha cinerea (Greene) Cronquist var. jamesii Cronquist - Dorn01, IMF, KTZ, E/W
[Cryptantha cinerea (Torr) Cronquist var jamesii (Payson) Cronquist] - UTF
[Cryptantha jamesii (A Gray) Payson var disticha (Eastwood) Payson] - UT3
[Cryptantha jamesii (Torr) Payson] - GPF
[Cryptantha jamesii (Torr) Payson var jamesii] - HDH
[Krynitzkia jamesii A. Gray] - UT3
[Oreocarya disticha Eastwood] -UT3
[Oreocarya suffruticosa (Torr) Greene] - SF!, W&W
Cryptantha cinerea (Greene) Cronquist var. pustulosa (Rydb.) L. C. Higgins - KTZ, E/W
[Cryptantha cinerea (Torr.) Cronquist var. pustulosa (Rydb.) L. C. Higgins] - UTF
[Cryptantha jamesii (Torr.) Payson var. pustulosa (Rydb.) Harrington] - HDH
[Cryptantha pustulosa (Rydb.) Payson] - IMF
[Oreocarya pustulosa Rydb.] - SF!, W&W
Cryptantha circumscissa (Hook. & Arn.) I. M. Johnst. var. circumscissa - HDH, KTZ, W
[Cryptantha circumscissa (Hook. & Arn.) I. M. Johnst.] - Dorn01, IMF, SFW, UTF, W&W
{Cryptantha confertifolia (Greene) Payson} - IMF, KTZ, UTF <UT>
{Cryptantha crassisepala (Torr. & A. Gray) Greene var. crassisepala} - KTZ,W&W[1], E
{Cryptantha crassisepala (Torr. & A. Gray) Greene} - GPF, HDH, SFE
{Cryptantha kelseyana Greene} - W&W
Cryptantha crassisepala (Torr. & A. Gray) Greene var. elachantha I. M. Johnst. - IMF, KTZ, SFW, UTF,W&W, W
[Cryptantha crassisepala (Torr & A. Gray) Greene] - HDH
Cryptantha elata (Eastw.) Payson - HDH, IMF, KTZ, UTF, W
[Oreocarya elata Eastw] - SFW, W&W
Cryptantha fendleri (A. Gray) Greene - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

[Cryptantha pattersonii (A. Gray) Greene] - HDH
[Krynitzkia fendleri A. Gray] - UT3

Cryptantha flava (A. Nelson) Payson - Dorn01, HDH, IMF, KTZ, UTF, W
[Oreocarya flava A. Nelson] - SFW, W&W

Cryptantha flavoculata (A. Nelson) Payson - Dorn01, HDH, IMF, KTZ, UTF, W
[Oreocarya flavoculata A. Nelson] - SFW, W&W

Cryptantha fulvocanescens (S. Watson) Payson var. fulvocanescens - KTZ <AZ, NM, UT>
[Cryptantha fulvocanescens (S. Watson) Payson] - IMF, UTF
[Cryptantha fulvocanescens (A. Gray) Payson] - HDH
[Krynitzkia fulvocanescens A. Gray] - UT3
[Oreocarya fulvocanescens (A. Gray) Greene] - SFW, W&W[1]

Cryptantha fulvocanescens (S. Watson) Payson var. nitida (Greene) Sivinski - KTZ, W
[Cryptantha fulvocanescens (A Gray) Payson] - HDH
[Oreocarya fulvocanescens (A. Gray) Payson] - SFW
[Oreocarya nitida Greene] - W&W

Cryptantha gracilis Osterh. - Dorn01, HDH, IMF, KTZ, SFW, UTF, W&W, W

◆Cryptantha gypsophila Reveal & C. R. Broome - Reveal06

Cryptantha humilis (A. Gray) Payson - KTZ, W
[Cryptantha humilis (Greene) Payson] - IMF
[Cryptantha humilis (Greene) Payson var. conmixta (Macbride) L. C. Higgins] - UT3
[Cryptantha humilis (Greene) Payson var. nana (Eastw) Payson] - UTF
[Cryptantha humilis (Greene) var. shantzii (Tidestrom) L. C. Higgins - UT3
[Cryptantha nana (Eastw) Payson var nana] - HDH
[Cryptantha nana (Eastw) Payson var. ovina Payson] - UT3
[Oreocarya conmixta Macbride] - UT3
[Oreocarya dolorosa Macbride] - UT3
[Oreocarya humilis Greene subsp nana (Eastw) W A. Weber] - SFW, W&W
[Oreocarya shantzii Tidestrom] - UT3

Cryptantha kelseyana Greene - Dorn01, HDH, IMF, KTZ, UTF
[Cryptantha crassisepala (Torr. & A. Gray) Greene var. crassisepala] - HDH, W&W[1]

Cryptantha longiflora (A. Nelson) Payson - HDH, IMF, KTZ, UTF, W
[Oreocarya longiflora A Nelson] - SFW, W&W

Cryptantha mensana (M. E. Jones) Payson - IMF, KTZ, UTF, W
[Krynitzkia mensana M. E. Jones] - UT3
[Oreocarya mensana M. E. Jones] - SFW, W&W

Cryptantha minima Rydb. - Dorn01, GPF, HDH, IMF, KTZ, SF!, W&W, E/W

Cryptantha osterhoutii (Payson) Payson - HDH, IMF, KTZ, UTF, W
[Oreocarya osterhoutii Payson] - SFW, W&W

Cryptantha paradoxa (A. Nelson) Payson - HDH, IMF, KTZ, UTF, W
[Oreocarya paradoxa A. Nelson] - SFW, W&W

Cryptantha pterocarya (Torr.) Greene var. cycloptera (Greene) J. F. Macbr. - HDH, KTZ

Cryptantha pterocarya (Torr.) Greene var. pterocarya - HDH, IMF, KTZ, UTF, W
[Cryptantha pterocarya (Torr.) Greene] - SFW, W&W

Cryptantha recurvata Coville - HDH, IMF, KTZ, SFW, UTF, W&W, W

Cryptantha rollinsii I. M. Johnst. - Dorn01, IMF, KTZ, UTF, W
[Oreocarya rollinsii (I. M. Johnst.) W. A. Weber] - SFW, W&W

Cryptantha scoparia A. Nelson - Dorn01, IMF, KTZ, SFW, UTF, W&W, W

Cryptantha sericea (A. Gray) Payson - Dorn01, IMF, KTZ, UTF, W
[Cryptantha sericea (A. Gray) Payson var. sericea] - HDH
[Krynitzkia sericea A Gray] - UT3
[Oreocarya sericea (A. Gray) Greene] - SFW, W&W

Cryptantha stricta (Osterh.) Payson - Dorn01, HDH, IMF, KTZ, UTF, W

[Oreocarya stricta Osterh.] - SFW, W&W
Cryptantha thyrsiflora (Greene) Payson - Dorn01, GPF, HDH, KTZ, E
[Oreocarya thyrsiflora Greene] - SFE, W&W
Cryptantha tenuis (Eastw.) Payson - FCF
Cryptantha torreyana (A. Gray) Greene - Dorn01,W&W[1], misid.
[Cryptantha calycosa (Gray) Rydb.] - KTZ
[Cryptantha eastwoodiae St. John] - KTZ
[Cryptantha flexuosa (A. Nels.) A. Nels.] - KTZ
[Cryptantha torreyana var. calycosa (Gray) Greene] - KTZ
[Cryptantha torreyena var. pumila (Heller) I. M. Johnst.] - KTZ
[Krynitzkia torreyana A. Gray] - UT3
♦ Cryptantha virgata (Porter) Payson - **ENDEMIC <CO, WY>**, Dorn01, HDH, KTZ, E
[Oreocarya virgata (Porter) Greene] - SFE, W&W
Cryptantha watsonii (A. Gray) Greene - Dorn01, HDH, IMF, KTZ, SFW, UTF, W&W, W
[Krynitzkia watsonii A. Gray] - UT3
♦ Cryptantha weberi I. M. Johnst. - **ENDEMIC <CO>**, HDH, KTZ, E/W
[Oreocarya weberi (I. M. Johnst.) W. A. Weber] - SF!, W&W

*Cynoglossum officinale L. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

* Echium vulgare L. - Dorn01, GPF, HDH, IMF, KTZ, UTF, W&W

Ellisia nyctelea (L.) L. - Dorn01, IMF, KTZ, SF!, W&W, E/W
[Ellisia nyctelea L.] - GPF, HDH

Eritrichium nanum (Vill.) Schrad. var. elongatum (Rydb.) Cronquist - Dorn01, IMF, UTF, E/W
[Eritrichium nanum (Vill.) Schrad. var. argenteum (Wight) I. M. Johnst.] - IMF, not distinct
[Eritrichium nanum (Vill.) Schrad. ex Gaudin var. elongatum (Rydb.) Cronquist] - KTZ
[Eritrichium elongatum (Rydb.) W. F. Wight var. argenteum (Wight) I. M. Johnst.] - HDH
[Eritrichium elongatum (Rydb.) W. F. Wight var. elongatum] - HDH
[Eritrichium nanum (Vill.) Schrad. ex Gaudin var. aretioides (Cham.) Herder] - KTZ
[Eritrichium nanum (Vill.) Schrad. ex Gaudin var. argenteum (Wright) I. M. Johnston] - KTZ
[Eritrichum aretioides (Cham.) A. DC.] - SF!, W&W
[Eritrichum nanum (Vill.) Schrad. ex Gaudin var. elongatum (Rydb.) Cronquist] - RMC

Euploca (see **Heliotropium**)

Hackelia

(Identification sources: _____)

Hackelia besseyi (Rydb.) J. L. Gentry - KTZ, SFE, W&W, E
Hackelia deflexa (Wahlenb.) Opiz var. americana (A. Gray) Fernald & I. M. Johnst. - Dorn01, GPF, KTZ
[Hackelia deflexa (Wahlenb.) Opiz var. americana (A. Gray) Fernald & I. M. Johnst. ex Fernald] - RMC
[Hackelia deflexa (Wahlenb.) Opiz] - GPF, HDH, exp.
Hackelia floribunda (Lehm.) I. M. Johnst. - Dorn01, GPF, HDH, KTZ, SF!, UTF, W&W, E/W
[Hackelia leptophylla (Rydb.) I. M. Johnst.] - HDH, W&W, err. rep.
♦ Hackelia gracilenta (Eastw.) I. M. Johnst. - **ENDEMIC <CO>**, HDH, KTZ, SFW, W&W, W
Hackelia micrantha (Eastw.) J. L. Gentry - Dorn01, IMF, KTZ, SFW, UTF, W&W, W
Hackelia patens (Nutt.) I. M. Johnst. var. patens - Dorn01, KTZ

[Hackelia diffusa var. caerulescens (Rydb.) I. M. Johnst.] - KTZ
Hackelia pinetorum (Greene ex Gray) I.M. Johnston - KWA, M&H, KTZ
Hackelia ursina (Greene ex Gray) I.M. Johnston - M&H, KWA, KTZ

Heliotropium convolvulaceum (Nutt.) A. Gray var. convolvulaceum - IMF, KTZ, E/W
[Euploca convolvulacea Nutt.] - SFE
[Euploca convolvulacea Nutt. subsp. californica (Greene) Abrams] - SFW, W&W
[Euploca convolvulacea Nutt. subsp. convolvulacea] - W&W
[Heliotropium convolvulaceum (Nutt.) A. Gray] - GPF, HDH, UTF
Heliotropium curassavicum L. var. curassavicum - Dorn01, M&H, KWA
[Heliotropium xerophilum Cockerell] - M&H
✣ Heliotropium curassavicum L. var. oculatum (A. Heller) I. M. Johnst. - IMF, KTZ <AZ, UT>, UTF, E/W
[Heliotropium curassavicum L. subsp. oculatum (A. Heller) Thorne] - SF!, W&W
Heliotropium curassavicum L. var. obovatum DC. - GPF, IMF, KTZ, UTF
[Heliotropium spatulatum Rydb.] - HDH

Hesperochiron pumilus (Griseb.) Porter - Dorn01, IMF, UTF, W
[Hesperochiron pumilus (Douglas) Porter] - SFW, W&W
[Hesperochiron pumilus (Douglas ex Griseb.) Porter] - KTZ

Hydrophyllum capitatum Douglas ex Benth. var. capitatum - IMF, KTZ, UTF, E/W
[Hydrophyllum capitatum Douglas] - SF!
[Hydrophyllum capitatum Douglas ex Benth.] - Dorn01, HDH, W&W
Hydrophyllum fendleri (A. Gray) A. Heller var. fendleri - IMF, KTZ, E/W
[Hydrophyllum fendleri (A. Gray) A. Heller] - Dorn01, HDH, SF!, UTF, W&W

Lappula cenchrusoides A. Nelson - WY checklist, HDH, exp., KTZ <NE, WY>
✻ Lappula occidentalis (S. Watson) Greene var. cupulata (A. Gray) L. C. Higgins - KTZ, UTF, E/W
[Lappula marginata (M. Bieb.) Gürke] - KTZ, SF!, W&W
[Lappula redowskii (Hornem.) Greene var. cupulata (A. Gray) M. E. Jones] - Dorn01, IMF
[Lappula redowskii (Hornem.) Greene var. desertorum (Greene) I. M. Johnst.] - HDH, IMF
[Lappula texana (Scheele) Britton] - GPF, RMC
[Lappula texana (Scheele) Britton var. coronata (Greene) A. Nelson & J. F. Macbr.] - HDH
[Lappula texana (Scheele) Britton var. texana] - HDH
Lappula occidentalis (S. Watson) Greene var. occidentalis - KTZ, UTF, E/W
[Lappula redowskii (Hornem.) Greene] - GPF, SF!, W&W
[Lappula redowskii (Hornem.) Greene var redowskii] - Dorn01, HDH, IMF
✻ Lappula squarrosa (Retz.) Dumort. - IMF, KTZ, SF!, UTF, W&W, E/W
[Lappula echinata Gilib.] - GPF, HDH
[Lappula fremontii (Torr.) Greene] - HDH, exp.
[Lappula squarrosa (Retz.) Dum. var. erecta (A. Nelson) Dorn] - Dorn01
[Lappula squarrosa (Retz.) Dum. var. squarrosa] - Dorn01

✻ Lithospermum arvense L. - Dorn01, GPF, HDH, IMF, UTF, E
[Buglossoides arvensis (L) I. M. Johnst] - KTZ, SFE, W&W
[Buglossoides arvense (L.) I. M. Johnst.] - W&W[1]
Lithospermum caroliniense (Walter ex J. F. Gmel.) MacMill. var. croceum (Fernald) Cronquist - KTZ, E
[Lithospermum canescens (Michx.) Lehm.] - HDH, exp.,W&W[1], misapp.
[Lithospermum carolinense (Walter) MacMill.] - GPF

[Lithospermum caroliniense (Walter) MacMill.] - HDH
[Lithospermum croceum Fernald] - SFE, W&W
Lithospermum cobrense Greene - M&H, KWA, KTZ
Lithospermum incisum Lehm. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF,W&W, E/W
Lithospermum multiflorum Torr. ex A. Gray - Dorn01, HDH, IMF, KTZ, UTF, W&W, E/W
[Lithospermum multiflorum Torr.] - SF!, UTF, W&W[1]
Lithospermum ruderale Douglas ex Lehm. - Dorn01, HDH, IMF, KTZ, UTF, W&W, W
[Lithospermum ruderale Douglas] - SFW

{Lycopsis arvensis L.} - HDH rep., W&W, err. rep.
{Anchusa arvensis (L.) M. Bieb.} - KTZ <WY>

Mertensia alpina (Torr.) G. Don - HDH, IMF, KTZ, SFE, W&W, E
Mertensia arizonica Greene - Dorn01, IMF, KTZ, UTF, W
[Mertensia arizonica Greene var. grahamii L. O. Williams] - SFW, W&W
Mertensia brevistyla S. Watson - Dorn01, HDH, IMF, KTZ, SF!,UTF, W&W, E/W
Mertensia ciliata (E. James ex Torr.) G. Don var. ciliata - KTZ, E/W
[Mertensia ciliata (E. James) G. Don] - HDH, SF!, UTF
[Mertensia ciliata (E. James ex Torr.) G. Don] - Dorn01, W&W
[Mertensia ciliata (Torr.) G. Don] - GPF
[Mertensia ciliata (Torr.) G. Don var. ciliata] - IMF
Mertensia franciscana A. Heller - HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Mertensia fusiformis Greene - Dorn01, HDH, IMF, UTF, W&W, E/W
[Mertensia brevistyla S. Wats.] - SF!, W&W[1]
[Mertensia oblongifolia (Nutt.) G. Don] - KTZ
Mertensia humilis Rydb. - Dorn01, HDH, KTZ, SFE, W&W, E
Mertensia lanceolata (Pursh) A. DC. - Dorn01, SF!, E/W
[Mertensia bakeri Greene var. bakeri] - HDH
[Mertensia bakeri Greene var. osterhoutii L. O. Williams] - HDH
[Mertensia lanceolata (Pursh) A. DC. var. brachyloba (Greene) A. Nelson] - GPF, HDH, KTZ
[Mertensia lanceolata (Pursh) A. DC. var. coriacea (A. Nelson) L. C. Higgins & S. L. Welsh] - KTZ, UTF
[Mertensia lanceolata (Pursh) DC. var. fendleri A. Gray] - HDH
[Mertensia lanceolata (Pursh) DC. var. lanceolata] - GPF, HDH, KTZ, W&W
[Mertensia lanceolata (Pursh) DC. var. pubens (J. F. Macbr.) L. O. Williams] - HDH
[Mertensia lanceolata (Pursh) DC. var. secundorum Cockerell] - HDH, KTZ
[Mertensia viridis A. Nelson var. cynoglossoides (Greene) J. F. Macbr.] - HDH
Mertensia oblongifolia (Nutt.) G. Don - GPF, IMF, KTZ, SFW, UTF, W&W, W
[Mertensia oblongifolia (Nutt.) G. Don] - KTZ
[Mertensia oblongifolia (Nutt.) G. Don var. nevadensis (A. Nelson) L. O. Williams] - HDH
Mertensia viridis (A. Nelson) A. Nelson - Dorn01, E/W
[Mertensia lanceolata (Pursh) DC.] - SF[1]
[Mertensia lanceolata (Pursh) DC. var. viridis A. Nelson] - W&W
[Mertensia lanceolata (Pursh) DC. var. nivalis (S. Watson) L. C. Higgins] - UTF
[Mertensia oblongifolia (Nutt.) G. Don] - KTZ
[Mertensia viridis A. Nelson] - IMF
[Mertensia viridis A. Nelson var. cana (Rydb.) L. O. Williams] - HDH
[Mertensia viridis A. Nelson var. dilatata (A. Nelson) L. O. Williams] - HDH
[Mertensia viridis A. Nelson var. parvifolia L. O. Williams] - HDH
[Mertensia viridis A. Nelson var. viridis] - HDH

Myosotis alpestris F. W. Schmidt - Dorn01, HDH, W
[Myosotis asiatica (Vesterg.) Schischk. & Serg.] - KTZ, SFW, W&W

* Myosotis scorpioides L. - Dorn01, GPF, IMF, KTZ, SF!, UTF, W&W, E/W

Nama densum Lemmon var. parviflorum (Greenm.) C. L. Hitchc. - Dorn01, IMF, KTZ, UTF, W
[Nama densum Lemmon] - SFW, W&W
Nama dichotomum (Ruiz & Pav.) Choisy - HDH rep., KTZ, SFW, W&W, W
Nama hispidum A. Gray -FCF, GPF, HDH rep., IMF, KTZ, SFW, UTF, W&W, W&W[1], err. rep., W
Nama retrorsum J. T. Howell - IMF, KTZ <AZ, NM, UT>, UTF, W&W[1]

Nemophila breviflora A. Gray - Dorn01, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Neomphila menziesii H. & A. - Dorn01

Onosmodium molle Michx. var. occidentale (Mack.) I. M. Johnst. - Dorn01, GPF, HDH, E
[Onosmodium bejariense A. DC. var. occidentale (Mack.) B. L. Turner] - KTZ
[Onosmodium molle Michx. subsp. occidentale (Mack.) Cochrane]- KTZ, SFE, W&W

Oreocarya (see **Cryptantha**)

Pectocarya penicillata (H. & A.). A. DC. - Dorn01, KTZ
[Cynoglossum penicillatum H. & A.] - KTZ
[Pectocarya linearis var. penicillatum (H. & A.) M. E. Jones] - KTZ

Phacelia

(Identification sources: _____)

Phacelia alba Rydb. - Dorn01, IMF, KTZ, SF!, UTF, W&W, E/W
[Phacelia neomexicana Thurb. ex. Torr.] - W&W[1], misapp.
[Phacelia neomexicana Thurb. ex Torr. var. alba (Rydb.) Brand] - HDH
Phacelia bakeri (Brand) J. F. Macbr. - KTZ, SF!, W&W, E/W
Phacelia caerulea Greene - KWA
[Phacelia intermedia Woot p.p.] - KTZ
Phacelia constancei N. D. Atwood - IMF, KTZ, SFW, UTF, W&W, W
Phacelia crenulata Torr. ex S. Watson - IMF, W
[Phacelia corrugata A. Nelson] - HDH
[Phacelia crenulata Torr.] - SFW, W&W
[Phacelia crenulata Torr. var. corrugata (A. Nels.) Brand] - UTF
[Phacelia crenulata Torr. ex S. Watson var. corrugata (A. Nels.) Brand] - KTZ
Phacelia demissa A. Gray var. demissa - HDH, KTZ, UTF, W
[Phacelia demissa A Gray] - Dorn01, IMF, SFW, W&W
Phacelia denticulata Osterh. - Dorn01, HDH, KTZ, SFE, W&W, E
♦ Phacelia formosula Osterh. - **ENDEMIC** **<CO>,** HDH, KTZ, SFE, W&W, E
Phacelia glandulifera Piper - Dorn01, KTZ
[Phacelia ivesiana var. glandulifera (Piper) A. Nelson & J. F. Macbr.] - KTZ
Phacelia glandulosa Nutt. var. glandulosa - KTZ
[Phacelia glandulosa Nutt. var. deserta (A. Nels) Brand] - KTZ
[NS - var. deserta Endemic to WY if recognized]
Phacelia hastata Douglas ex Lehm. var. hastata - UTF, IMF, KTZ, E/W
[Phacelia hastata Douglas] - SF!
[Phacelia hastata Douglas ex Lehm.] - Dorn01, W&W

[Phacelia hastata Douglas ex Lehm. var. alpina (Rydb.) Cronq.] - IMF
[Phacelia hastata Douglas ex Lehm. var. leucophylla (Torr.) Cronquist] - GPF
[Phacelia leucophylla Torr.] - HDH, syn. of P. heterophylla var. heterophylla

Phacelia heterophylla Pursh var. heterophylla - HDH, IMF, E/W
[Phacelia heterophylla Pursh] - GPF, SF!, UTF, W&W
[Phacelia heterophylla Pursh subsp. heterophylla] - KTZ

Phacelia heterophylla Pursh var. virgata (Greene) Dorn - Dorn01
[Phacelia heterophylla Pursh subsp virgata (Greene) Heckard] - KTZ

Phacelia incana Brand - Dorn01, IMF, KTZ, SFW, UTF, W&W, W

Phacelia integrifolia Torr. var. integrifolia - GPF, HDH rep., KTZ, W
[Phacelia integrifolia Torr] - IMF, SFW, UTF, W&W

Phacelia ivesiana Torr. var. ivesiana - HDH, KTZ, UTF, W
[Phacelia ivesiana Torr.] - Dorn01, IMF, SFW, W&W

Phacelia linearis (Pursh) Holz. - Dorn01, KTZ

{Phacelia lutea (Hook. & Arn.) J. T. Howell var. scopulina (A. Nelson) Cronq.} - IMF, UTF <CO>

Phacelia neomexicana Thurb. ex Torr. var. alba (Rydb.) Brand - WY checklist
[Phacelia neomexicana Thurb. var. pseudoarizonica (Brand) J. Voss] - KTZ

Phacelia salina (A. Nels.) J. T. Howell - Dorn01, KTZ

Phacelia scopulina (A. Nelson) J. T. Howell var. scopulina - KTZ

Phacelia scopulina (A. Nelson) J. T. Howell var. submutica (J. T. Howell) Halse - KTZ, W
[Phacelia lutea (Hook. & Arn.) J. T. Howell var. submutica (J. T. Howell) Cronquist] - IMF
[Phacelia submutica J. T. Howell] - HDH, SFW, W&W

Phacelia sericea (Graham ex Hook.) A. Gray var. ciliosa Rydb. - Dorn01, E/W
[Phacelia sericea (Graham) A. Gray] - SFE
[Phacelia sericea (Graham) A. Gray subsp. ciliosa (Rydb.) J. M. Gillett] - HDH, KTZ, SFW, W&W
[Phacelia sericea (Graham) A. Gray var. ciliosa Rydb.] - IMF, UTF
[Phacelia idahoensis L. F. Hend.] - HDH, W&W, misapp.

Phacelia sericea (Graham ex Hook.) A. Gray var. sericea - Dorn01, E/W
[Phacelia sericea (Graham) A. Gray] - HDH, SF!
[Phacelia sericea (Graham) A. Gray subsp. sericea] - KTZ, W&W
[Phacelia sericea (Graham) A. Gray var. sericea] - IMF, UTF

♦ Phacelia splendens Eastw. - **ENDEMIC <CO, NM>**, HDH, KTZ, SFW, UTF, W&W, W

Phacelia tetramera Howell - Dorn01

Plagiobothrys leptocladus (Greene) I. M. Johnst. - Dorn01, KTZ
[Allocarya leptocladus Greene Greene] - KTZ
[Plagiobothrys orthocarpus (Greene) I. M Johnst] - KTZ

Plagiobothrys scouleri (Hook. & Arn.) I. M. Johnst. var. hispidulus (Greene) Dorn - Dorn01, KTZ, E/W
[Plagiobothrys nelsonii (Greene) I. M. Johnst.] - HDH
[Plagiobothrys scopulorum (Greene) I. M. Johnst.] - HDH
[Plagiobothrys scouleri (Hook. & Arn.) I. M. Johnst.] - GPF
[Plagiobothrys scouleri (Hook. & Arn.) I. M. Johnst. subsp. penicillata (Greene) A. Löve] - SF!, W&W
[Plagiobothrys scouleri (Hook. & Arn.) I. M. Johnst. var. penicillatus (Greene) Cronquist] - IMF, UTF

* Symphytum officinale L. - KTZ, SF!, UTF, W&W, E/W

Tiquilia nuttallii (Hook.) A. T. Richardson - Dorn01, IMF, KTZ, SFW, UTF, W
[Tiquilia nuttallii (Benth.) A. T. Richardson] - W&W

Brassicaceae - BRA

(Identification sources: _____)

Aethionema (see **Aurinia**)

*Alliaria petiolata (M. Bieb.) Cavara & Grande - GPF, FCF, KTZ, SFE, UTF, W&W, E

Alyssum (see also **Aurinia**)
* Alyssum alyssoides (L.) L. - Dorn01, KTZ, FCF, SF!, UTF, W&W[1], E/W
[Alyssum alyssioides L.] - GPF, HDH, W&W
* Alyssum desertorum Stapf - Dorn01, GPF, SF!, UTF, W&W, E/W
[Alyssum desertorum Stapf var. desertorum] - KTZ, FCF
* Alyssum murale Waldst. & Kit. - KTZ, FCF, SFE, W&W, E
Alyssum parviflorum M. Bieb. var. micranthum (C. A. Mey.) Dorn - Dorn01, W&W[1], E/W
[Alyssum minus (L.) Rothm.] - UTF
[Alyssum minus (L.) Rothm. var. micranthum (C. A. Mey.) Dudley] - GPF, KTZ, FCF
[Alyssum parviflorum M. Bieb.] - SF!, W&W
[Alyssum parviflorum Fisch. ex M. Bieb. var. micranthum (C. A. Mey.) Dorn] – Dorn01

Arabidopsis (see **Thellungiella**)

Arabis (see also **Boechera**, **Turritis**)

(Identification sources: _____)

Arabis hirsuta (L.) Scop. var. glabrata Torr. & A. Gray - HDH Dorn01, exp., KTZ, FCF, UTF, W&W, W&W[1], E/W
[Arabis hirsuta (L.) Scop.] - SF!
Arabis hirsuta (L.) Scop. var. hirsuta - KTZ, FCF, UTF, W&W[1], err. rep.
[Arabis hirsuta (L.) Scop.] - SF!
Arabis hirsuta (L.) Scop. var. pycnocarpa (M. Hopkins) Rollins - Dorn01, GPF, HDH, KTZ, FCF, W&W, E/W
[Arabis hirsuta (L.) Scop.] - SF!
[Arabis hirsuta (L.) Scop. var. glabrata Torr. & A. Gray] - UTF
{Arabis laevigata (Muhl. ex Willd.) Poir. var. laevigata} - KTZ, FCF
{Arabis hastata Eaton} - Rollins93
{Arabis heterophylla Nutt. ex Torrey & A. Gray} - Rollins93
{Arabis laevigata (Muhl.) Poir.} - GPF
{Arabis laevigata var. heterophylla (Nutt. ex Torrey & A. Gray) Farw.} - Rollins93
{Arabis lyraefolia DC.} - Rollins93
{Turritis laevigata Muhlenb. ex Willd.} - Rollins93

* Armoracia rusticana P. Gaertn., B. Mey, & Scherb. - Dorn01, GPF, KTZ, FCF, W&W
[Armoracia rusticana Gaertn.] - UTF
[Rorippa armoracia (L.) Hitchc.] - HDH

* Aurinia saxatilis (L.) Desv. - KTZ <UT>, FCF, E
[Aethionema saxatile (L.) R. Br.] - SFE, W&W[1]
[Alyssum saxatile L.] - UTF

* Barbarea orthoceras Ledeb. - Dorn01, GPF, HDH, KTZ, FCF, SF!, UTF, W&W, E/W
{Barbarea verna (Mill.) Asch.} - M&H, exp., HDH rep., KTZ, W&W[1]
* Barbarea vulgaris R. Br. - Dorn01, GPF, FCF, SF!, UTF, W&W, E/W
[Barbarea vulgaris W. T. Aiton] - KTZ

* Berteroa incana (L.) DC. - Dorn01, GPF, KTZ, FCF, SF!, UTF, W&W, E/W

Boechera

(Identification sources: _____)

Bochera brachycarpa (Torr. & A. Gray) Dorn - Dorn01
Boechera cobrensis (M.E. Jones) Dorn - Dorn01
[Arabis cobrensis M. E. Jones] - KTZ
Boechera consanguinea (Greene) Windham & Al-Shehbaz - Windham07a
[Arabis holboelii Horemann var. consanguinea (Greene) G. A. Mulligan] - Windham07a
♦ Boechera crandallii (B. L. Rob.) W. A. Weber - **ENDEMIC <CO, WY>**, Dorn01, SFW, W&W
[Arabis crandallii B. L. Rob.] - HDH, KTZ, FCF, RMC, W
Boechera demissa (Greene) W. A. Weber
[NS - Following UT3 we do not recognize infraspecific taxa for our region]
[Arabis demissa Greene] - UTF, UT3
[Arabis demissa Greene var demissa] - HDH, KTZ, FCF, E/W
[Arabis demissa Greene var. languida Rollins] - HDH, exp., KTZ, FCF, E/W
[Boechera fendleri (Wats.) W. A. Weber var., languida (Rollins) Dorn] - Dorn01
[Boechera oxylobula (Greene) W. A. Weber] - SF!, W&W
Boechera divaricarpa (A. Nelson) A. Löve & D. Löve - SF!, W&W, Windham07b
[Arabis X divaricarpa A. Nelson - KTZ, FCF, E/W
[Arabis drummondii X A. holboellii] - KTZ
[Arabis divaricarpa A. Nelson] - GPF
[Arabis divaricarpa A. Nelson var. divaricarpa] -HDH
[Arabis holboellii Hornem.] - UTF
[Arabis stokesiae Rydb.] - Windham07b
Boechera drepanoloba (Greene) Windham & Al-Shehbaz - Windham07a
[Arabis lemmonii S. Watson var. drepanoloba (Greene) Rollins] - Windham07a
Boechera drummondii (A. Gray) A. Löve & D. Löve - SF!, W&W
[Arabis confinis S. Watson var confinis] - E/W
[Arabis drummondii A. Gray] - GPF, HDH, KTZ, FCF, UTF, E/W
Boechera duchesnensis (Rollins) Windham & Al-Shehbaz & Allphin - Windham07b
[Arabis pulchra M. E. Jones ex S. Watson var. pallens M. E. Jones] - HDH, KTZ, FCF, W
[Arabis pulchra M. E. Jones var. pallens M. E. Jones] - UTF
[Boechera pulchra (M. E. Jones) W. A. Weber] - SFW
[Boechera pulchra (M. E. Jones ex S. Watson) W. A. Weber subsp. pallens (M. E. Jones) W. A. Weber] - W&W
[Boechera pulchra (M. E. Jones ex S. Watson) var. duchesnensis (Rollins) Dorn - Windham07b
[Boechera pulchra (M. E. Jones ex S. Wats.) W.A. Weber var. pallens (M. E. Jones) Dorn] - Dorn01
Boechera fendleri (S. Watson) W. A. Weber var. fendleri - Dorn01
[Boechera fendleri (S Watson) W. A. Weber subsp fendleri] - W&W
[Arabis fendleri (S Watson) Greene var fendleri] - GPF, HDH, KTZ, FCF, E/W
[Arabis holboellii Hornem. var. fendleri S. Watson] - UTF
[Boechera fendleri (S Watson) W A. Weber] - SF!
Boechera fernaldiana (Rollins) W. A. Weber var. fendleriana - W&W

[Arabis fernaldiana Rollins var. fernaldiana] - HDH, KTZ, FCF, W
[Arabis fernaldiana Rollins] - UTF
[Boechera fernaldiana (Rollins) W. A. Weber] - SFW, W&W[1]

Boechera fernaldiana (Rollins) W. A. Weber subsp. vivariensis (S. L. Welsh) Windham & Al-Shehbaz - Windham06
[Boechera vivariensis (S L Welsh) W. A Weber] - Windham06

Boechera formosa (Greene) Windham & Al-Shehbaz - Windham06
[Arabis formosa Greene] - Windham06
[Arabis pulchra M. E. Jones ex S. Watson var. pallens M. E. Jones] - HDH, KTZ, FCF, W, Windham06
[Boechera pulchra (M. E. Jones ex S. Watson) W. A. Weber subsp. pallens (M. E. Jones) W. A. Weber] - W&W
[Boechera pulchra (M. E. Jones ex S. Watson) W. A. Weber var. pallens (M. E. Jones) Dorn] - Windham06

Boechera glareosa Dorn - Dorn03

Boechera gracilenta (Greene) Windham & Al-Shehbaz - Windham07b
[Arabis gracilenta Greene] - Windham07b
[Arabis selbyi] - HDH, KTZ, FCF, UTF, W, Windham07b
[Boechera selbyi (Rydb.) W. A. Weber] - Dorn01, SFW, W&W, Windham07b

Boechera grahamii (Lehmann) Windham & Al-Shehbaz - Windham07b

Boechera gunnisoniana (Rollins) W. A. Weber - SFW, W&W
[Arabis gunnisoniana Rollins - HDH, KTZ, FCF, W
[Boechera glareosa Dorn] - Al-Shehbaz03

Boechera holboellii (Hornem.) Löve & Löve var. collinsii (Fern.) Dorn - Dorn01
[Arabis holboellii Hornem. var. collinsii (Fern.) Roll] - WY checklist
[Arabis bourgovii Rydb] - KTZ
[Arabis collinsii Fern.] - KTZ
[Arabis dacotica Greene] - KTZ
[Arabis divaricarpa var. dacotica (Greene) Boivin] - KTZ
[Arabis retrofracta var. collinsii (Fern.) Boivin] - KTZ
[Boechera collinsii (Fern.) A. & D. Löve] - KTZ

Boechera holboellii (Hornem.) var. pinetorum (Tidestr.) Dorn - Dorn01
[Arabis holboellii Hornem. var. pinetorum (Tidestr.) Rollins] - GPF, HDH, KTZ, FCF, UTF, E/W
[Arabis pinetorum Tidestr.] - Dorn01
[Boechera retrofracta (Graham) A. Löve & D. Löve] - SF!, W&W

Boechera holboellii (Hornem.) var. secunda (Howell) Dorn - Dorn01
[Arabis holboellii Hornem. var. secunda (Howell) Jeps.] - UTF, E/W
[Arabis holboellii Hornem. var. retrofracta (Graham) Rydb.] - HDH, KTZ, FCF
[Arabis secunda Howell] - Dorn01
[Boechera retrofracta (Graham) A. Löve & D. Löve] - SF!, W&W

Boechera lemmonii (S. Watson) Weber var. drepanoloba (Greene) Dorn - Dorn01
[Arabis lemmonii S. Watson var. drepanoloba (Greene) Rollins] - KTZ, FCF, E/W
[Boechera lemmonii (S. Watson) W. A. Weber] - SF!

Boechera lemmonii (S. Watson) Weber var. lemmonii - Dorn01
[Arabis lemmonii S Watson var lemmonii] - HDH, KTZ, FCF, UTF, E/W
[Boechera lemmonii (S Watson) W. A. Weber] - SF!, W&W

Boechera lignifera (A. Nelson) W. A. Weber - Dorn01, SF!, W&W, Windham06
[Arabis lignifera A. Nelson] - HDH, KTZ, FCF, E/W
[Arabis holboellii Hornem. var. pinetorum (Tidestr) Rollins] - UTF

Boechera lyallii (S. Watson) Dorn - Al-Shehbaz03, Dorn01, Windham06
[Arabis lyallii Wats. var. lyallii] - KTZ

Boechera microphylla (Nutt.) Dorn var. macounii (Wats.) Dorn - Dorn01
[Arabis microphylla Nutt. var. macounii (Wats) Roll] - WY checklist
[Arabis macounii Wats] - KTZ

Boechera microphylla (Nutt.) Dorn var. microphylla - Dorn01
[Arabis microphylla Nutt. var. microphylla] - WY checklist

[Arabis tenuicula Greene] - KTZ

Bochera nuttallii (Robins.) Dorn - Dorn01

Arabis nuttallii Robins.] - WY checklist

[Arabis bridgeri M E Jones] - KTZ

[Arabis macella Piper] - KTZ

♦ Boechera oxylobula (Greene) W. A. Weber - **ENDEMIC <CO>**, SF!, W&W, Al-Shehbaz03, Windham06

[Arabis aprica Osterh. ex A. Nels.] - Windham06

[Arabis oxylobula Greene] - HDH, KTZ, FCF, E/W

[Arabis demissa Greene] - Windham06

[Arabis rugocarpa Oster.] - Windham06

♦ Boechera pallidifolia (Rollins) W. A. Weber - **ENDEMIC <CO>**, SFW, W&W[1], Al-Shehbaz03

[Arabis pallidifolia Rollins] - KTZ, FCF, W, Windham06

[Arabis thompsonii S. L. Welsh] - Windham06

[Boechera thompsonii (S. L. Welsh) N H. Holmgren] - Windham06

Boechera pendulina (Greene) W. A. Weber - Windham06

[Arabis demissa Greene] - UTF

[Arabis demissa Greene var. russeola Rollins] - HDH

[Arabis pendulina Greene var. pendulina] - KTZ, FCF, E/W

[Arabis pendulina Greene var. russeola (Rollins) Rollins] - KTZ, FCF, E/W

[Boechera oxylobula (Greene) W. A. Weber] - SF!, W&W

[Boechera pendulina (Greene) Weber var. russeola (Rollins) Dorn] - Dorn01

Boechera pendulocarpa (A. Nels.) Windham & AL-Shehbaz - Windham06

[Arabis pendulocarpa A. Nels.] - RMC, Windham06

[Arabis holboellii Hornem. var. pendulocarpa (A. Nels) Rollins] - Windham06, HDH, KTZ, FCF, UTF, E/W

[Boechera pendulocarpa (A Nels.) Á Löve & D Löve var pendulocarpa (A. Nels) N. Snow] - Windham06

Boechera perennans (S. Watson) W. A. Weber - Dorn01, SFW, W&W

[Arabis perennans S. Watson] - HDH, KTZ, FCF, UTF, W

[Arabis perennans S. Watson var. perennans] - UT3

Boechera retrofracta (Graham) Á. Löve & D. Löve - SF!, W&W, Windham06

[Arabis exilis (A. Nels.)] - Windham06

[Arabis retrofracta Graham] - Windham06

[Arabis holboellii Hornem. var retrofracta (Graham) Rydb.] - HDH, KTZ, FCF Windham06

[Boechera exilis (A. Nels.) Dorn] - Dorn01

[Turritis retrfracta (Graham) Hook.] - Windham06

♦ Boechera spatifolia (Rydb.) Windham & Al-Shehbaz - **ENDEMIC <NM, CO>** - Windham06

[Arabis fendleri (S Watson) Greene var. spatifolia (Rydb) Rollins] - GPF, HDH, KTZ, FCF, E/W

[Arabis holboellii Hornem. var fendleri S. Watson] - UTF

[Boechera fendleri (S Watson) W A. Weber] - SF!

[Boechera fendleri (S Watson) W A. Weber subsp spatifolia (Rydb) W. A. Weber]- W&W

[Boechera fendleri (S Watson) W A. Weber var spatifolia (Rydb.) Dorn] - Dorn01

♦ Boechera villosa Windham & Al-Shehbaz - **ENDEMIC <NM>** - Windham06

Boechera williamsii (Roll.) Dorn var. saximontana (Rollins) Dorn - Dorn01

[Arabis williamsii Roll. var. saximontana (Roll.) Roll.] - WY checklist, KTZ

[Arabis microphylla var. saximontana (Roll.) Roll.] - KTZ

[Arabis pendulocarpa var. saximontana (Roll) Dorn] - KTZ

Brassica (see also **Sinapis**)

✻ Brassica elongata Ehrh. var. integrifolia (Boiss.) Breistr. - SFW, W&W[1], W

[Brassica elongata Ehrh.] - KTZ

[Brassica elongata Ehrh. subsp. integrifolia (Boiss.) Breistr.] - FCF

✻ Brassica juncea (L.) Czern. - Dorn01, GPF, KTZ, FCF, UTF, E

[Brassica juncea (L.) Cosson] - HDH, SFE, W&W
* Brassica napus L. - SF!, W&W[1], E/W
* Brassica nigra (L.) W. D. J. Koch - GPF, HDH, KTZ, FCF, SFE, UTF,W&W, E
* Brassica rapa L. - Dorn01, FCF, W&W, W&W[1], misapp.
[Brassica campestris L.] - GPF, HDH, UTF
[Brassica rapa L. var. rapa] - KTZ

Braya glabella Richardson - Dorn01, KTZ, FCF, E/W
[Braya glabella R. Br] - SF!
[Braya glabella (Richardson) S. Watson var glabella] - W&W
Braya humilis (C. A. Mey.) B. L. Rob. - Dorn01, HDH (mentioned without name, p. 256), KTZ, FCF, SFE, W&W, E/W
[Braya humilis (C. A. Mey.) B. L. Rob. subsp. ventosa Rollins] - SFW

* Camelina microcarpa Andrz. ex DC. - Dorn01, GPF, FCF, UTF, W&W, E/W
[Camelina microcarpa DC.] - KTZ
[Camelina microcarpa Andrz.] - HDH, SF!
✣ Camelina rumelica Velen. - KTZ, FCF, SF!, W&W, E/W
* Camelina sativa (L.) Crantz - Dorn01, GPF, HDH, exp., KTZ, FCF, W&W, err. rep.

* Capsella bursa-pastoris (L.) Medik. - Dorn01, GPF, HDH, KTZ, FCF, SF!, UTF, W&W, E/W

Cardamine

(Identification sources: _____)

Cardamine breweri S. Watson var. breweri - KTZ, FCF, UTF, E/W
[Cardamine breweri S Watson] - Dorn01, SF!, W&W
Cardamine breweri S. Watson var. leibergii (Holz.) C. L. Hitchc. - KTZ, FCF, E/W
[Cardamine breweri S. Watson var. breweri] - RMC
[Cardamine breweri S. Watson] - SF!, W&W
[Cardamine vallicola Greene] - HDH
Cardamine cordifolia A. Gray var. cordifolia - KTZ, FCF, UTF, E/W
[Cardamine cordifolia A. Gray] - HDH, SF!, W&W
Cardamine cordifolia A. Gray var. incana A. Gray ex M. E. Jones - KTZ, Hartman06, FCF, E/W
[Cardamine cordifolia A. Gray] - HDH, SF!, W&W
[Cardamine cordifolia A. Gray var. incana M. E. Jones] - W&W[1]
Cardamine oligosperma Nutt. var. oligosperma - KTZ
[Cardamine oligosperma Nutt.] - Dorn01, W&W, err. rep.
[Cardamine oligosperma Nutt. ex Torr. & A. Gray] - UTF
[Cardamine oligosperma Nutt. ex Torr. & A. Gray var. oligosperma] - FCF, W&W[1]
[Cardamine umbellata Greene] - HDH
[Cardamine unijuga Rydb.] - HDH, exp.
Cardamine pensylvanica Muhl. ex Willd. - Dorn01, HDH, KTZ, FCF, UTF, W&W, E/W
[Cardamine pensylvanica Muhl.] - GPF, SF!

Cardaria (see also **Lepidium**)
[NS - All of our species in Cardaria may ultimately be transfered to Lepidium]
* Cardaria chalepensis (L.) Hand.-Mazz. - Dorn01, GPF, KTZ, FCF, SF!, UTF, W&W, E/W
* Cardaria draba (L.) Desv. - Dorn01, GPF, HDH, KTZ, FCF, SF!, UTF, W&W, E/W

* Cardaria pubescens (C. A. Mey.) Jarm. - Dorn01, GPF, KTZ, FCF, SF!, W&W, E/W
[Cardaria pubescens (C. A. Mey.) Jarm. var. elongata Rollins] - UTF
[Cardaria pubescens (C. A. Mey.) Rollins var. elongata Rollins] - HDH

Caulanthus crassicaulis (Torr.) S. Watson var. crassicaulis - KTZ, FCF, UTF, W
[Caulanthus crassicaulis (Torr.) S. Watson] - Dorn01, HDH, SFW, W&W

* Chorispora tenella (Pall.) DC. - Dorn01, GPF, KTZ, FCF, SF!, UTF, W&W, E/W
[Chorispora tenella DC] - HDH

* Conringia orientalis (L.) Dumort. - Dorn01, GPF, HDH, KTZ, FCF, SF!, UTF, W&W, E/W

Descurainia

(Identification sources: _____)

Descurainia brevisliqua (Detling) Al-Shehbaz & Goodson - Goodson07
[Descurainia obtusa (Greene) O E. Shulz var. brevisiliqua Detling] - Goodson07
Descurainia californica (A. Gray) O. E. Schulz - Dorn01, HDH, KTZ, FCF, SF!, UTF, W&W, E/W
♦ Descurainia kenheilii Al-Shehbaz - Al-Shebaz07a , **ENDEMIC <CO>**
Descurainia incana (Bernh. ex Fisch. & C. A. Mey.) Dorn var. incana - Dorn01, E/W
[Descurainia incana (Bernh) Dorn] - SF!
[Descurainia incana (Bernh ex Fisch & C. A. Mey) Dorn] - FCF, W&W
[Descurainia incana (Bernh ex Fisch & C. A. Mey) Dorn subsp incana] - KTZ
[Descurainia richardsonii (Sweet) O E. Schulz] - GPF
Descurainia incana (Bernh. ex Fisch. & C. A. Mey.) Dorn var. incisa - E/W
[Descurainia incana (Bernh.) Dorn] - SF!
[Descurainia incana (Bernh. ex Fisch. & C. A. Mey.) Dorn] - W&W
[Descurainia incana (Bernh. ex Fisch. & C. A. Mey.) Dorn subsp. incisa (Engelm.) Kartesz & Gandhi] - HDH, KTZ
[Descurainia incisa (Engelm.) Britton subsp. incisa] - SF!
[Descurainia incisa (Engelm. ex A. Gray) Britton subsp. incisa] - FCF, W&W
[Descurainia richardsonii (Sweet) O. E. Schulz] - GPF
[Descurainia richardsonii (Sweet) O. E. Schulz subsp. incisa (Engelm.) Detling] - HDH
[Descurainia richardsonii (Sweet) O. E. Schulz var. sonnei (B. L. Rob.) C. L. Hitchc.] - UTF
Descurainia incana (Bernh. ex Fisch. & C. A. Mey.) Dorn var. macrosperma (O. E. Schulz) Dorn - Dorn01, E/W
[Descurainia incana (Bernh.) Dorn] - SF!
[Descurainia incisa (Bernh. ex Fisch. & C. A. Mey.) Dorn] - FCF, SFW, W&W
[Descurainia incana (Berhn. ex Fisch. & C. A. Mey.) Dorn var. brevipes (Nutt.) S. Welsh - UT3
[Descurainia incana (Bernh. ex Fisch. & C. A. Mey.) Dorn subsp. procera (Greene) Kartesz & Gandhi] - KTZ
[Descurainia richardsonii (Sweet) O. E. Schulz] - GPF
[Descurainia richardsonii (Sweet) O. E. Schulz subsp. richardsonii] - HDH
[Descurainia richardsonii (Sweet) O. E. Schulz subsp. procera (Greene) Detling] - HDH
[Descurainia richardsonii (Sweet) O. E. Schulz var. brevipes (Nutt.) S. L. Welsh & Reveal] - UTF
Descurainia incana (Bernh. ex Fisch. & C. A. Mey.) Dorn var. major (Hook.) Dorn - Dorn01, E/W
[Descurainia incana (Bernh) Dorn] - SF!
[Descurainia incana (Bernh ex Fisch & C. A. Mey) Dorn] - FCF, W&W
[Descurainia incana (Bernh ex Fisch & C. A. Mey) Dorn subsp incana] -KTZ
[Descurainia richardsonii (Sweet) O. E. Schulz] - GPF

Descurainia incana (Bernh. ex Fisch. & C. A. Mey.) Dorn var. viscosa (Rydb.) Dorn - Dorn01, E/W
[Descurainia incana (Bernh ex Fisch & C. A. Mey) Dorn] - W&W
[Descurainia incana (Bernh ex Fisch & C A. Mey) Dorn subsp viscosa (Rydb) Kartesz & Gandhi] - KTZ, FCF
[Descurainia incisa (Engelm) Britton subsp viscosa (Rydb) Rollins - SF!
[Descurainia incisa (Engelm ex A. Gray) Britton subsp viscosa (Rydb) Rollins - FCF, W&W
[Descurainia richardsonii (Sweet) O E. Schulz] - GPF
[Descurainia richardsonii (Sweet) O. E. Schulz subsp. viscosa (Rydb.) Detling] - HDH
[Descurainia richardsonii (Sweet) O. E. Schulz var. viscosa (Rydb.) M. Peck] - UTF
Descurainia nelsonii (Rydb.) Al-Shehbaz & Goodson - Goodson07
[Descurainia brachycarpa (Richardson) O. E. Shulz var. nelsonii (Rydb.) O. E. Schulz in Engler] - Goodson07
[Descurainia pinnata (Walter) Britton] - W&W
[Descurainia pinnata (Walter) Britton subsp. nelsonii (Rydb.) Detling] - HDH, KTZ, FCF, SF!, W&W[1]
[Descurainia pinnata (Walter) Britton var. nelsonii (Rydb.) M. Peck] - Dorn01, UTF, E/W
[Sophia nelsonii Rydb] - Goodson07
Descurainia obtusa (Greene) O.E.Schulz subsp. adenophora (Woot. & Standl.) Detling - KWA, M&H, KTZ
[Sophia adenophora Woot. & Standl.] - M&H
Descurainia obtusa (Greene) O. E. Schulz subsp. obtusa - KWA, M&H, FCF
[Descurainia obtusa (Greene) O. E. Schulz] - HDH, rep.
[Descurainia obtusa subsp. typica Detling] - KTZ
[Sophia obtusa Greene] - M&H
Descurainia pinnata (Walter) Britton var. brachycarpa (Richardson) Fernald - Dorn01
[Descurainia pinnata (Walter) Britton] - W&W
[Descurainia pinnata (Walter) Britton subsp. brachycarpa (Richardson) Detling] - GPF, HDH, KTZ, FCF, W&W
Descurainia pinnata (Walter) Britton var. filipes (A. Gray) M. Peck - Dorn01, UTF, E/W
[Descurainia incisa (Engelm.) Britton subsp. filipes (A. Gray) Rollins] - SF!
[Descurainia incisa (Engelm. ex A. Gray) Britton subsp. filipes (A. Gray) Rollins] -FCF, W&W[1]
[Descurainia pinnata (Walter) Britton] - W&W
[Descurainia pinnata (Walter) Britton subsp. filipes (A. Gray) Detling] - HDH, KTZ
Descurainia pinnata (Walter) Britton var. intermedia (Rydb.) C. L. Hitchc. - Dorn01, UTF, E/W
[Descurainia pinnata (Walter) Britton] - W&W
[Descurainia pinnata (Walter) Britton subsp. intermedia (Rydb) Detling] - GPF, HDH, KTZ, FCF, SF!, W&W[1]
Descurainia pinnata var. ochroleuca (Woot.) Shinners - KWA, M&H
[Descurainia pinnata subsp. ochroleuca (Woot.) Detling] - KTZ, M&H
[Sophia ochroleuca Woot.] - KTZ
Descurainia pinnata (Walter) Britton var. osmiarum (Cockerell) Shinners - Dorn01, UTF, E/W
[Descurainia pinnata (Walter) Britton] - W&W
[Descurainia pinnata (Walter) Britton subsp. halictorum (Cockerell) Detling] - GPF, HDH, KTZ, FCF, SF!, W&W[1]
Descurainia pinnata (Walter) Britton var. paysonii (Detling) S. L. Welsh & Reveal - Dorn01, UTF
[Descurainia incisa (Engelm ex A. Gray) Britton subsp paysonii (Detling) Rollins] - FCF
[Descurainia pinnata (Walter) Britton] - W&W
[Descurainia pinnata (Walter) Britton subsp. paysonii Detling] - HDH, exp , KTZ
♦ Descurainia ramosissima Rollins - **ENDEMIC** **<CO>**, KTZ, FCF, SFE, W&W, E
♦ Descurainia torulosa Rollins - **ENDEMIC** **<WY>**, KTZ, Dorn01
✻ Descurainia sophia (L.) Webb ex Prantl - Dorn01, HDH, KTZ, UTF, W&W, E/W
[Descurainia sophia (L.) Webb] - GPF, FCF, SF!, W&W[1]

✣ Dimorphocarpa wislizeni (Engelm.) Rollins - KTZ, FCF, SFW, W&W, W

[Dithyrea wislizenii Engelm.] - HDH rep., UTF

* Diplotaxis muralis (L.) A. DC. - KTZ, FCF, SFW, W&W[1], W
[Diplotaxis muralis A. DC.] - UTF

Dithyrea (see **Dimorphocarpa**)

Draba

(Identification sources: _____)

Draba albertina Greene - KTZ, FCF, SF!, W&W, E/W
[Draba crassifolia R. Grah.] - HDH
[Draba stenoloba Ledeb. var nana (O E Schulz) C. L. Hitchc] - HDH
Draba aurea Vahl ex Hornem. - Dorn01, KTZ, FCF, W&W, E/W
[Draba aurea Vahl] - GPF, HDH, SF!, UTF
Draba borealis DC. - Dorn01, KTZ, FCF, SF!, W&W, E/W
Draba cana Rydb. - Dorn01, W&W, E/W
[Draba breweri S. Watson var. cana (Rydb) Rollins] - KTZ, FCF, SF!, W&W[1]
[Draba lanceolata Royle] - GPF, HDH, UTF
Draba crassa Rydb. - HDH, KTZ, FCF, SF!, UTF, W&W, E/W
Draba crassifolia Graham var. crassifolia - Dorn01, HDH, E/W
[Draba crassifolia Graham] - KTZ, FCF, SF!, UTF, W&W
[Draba stenoloba Ledeb.] - HDH
Draba cuneifolia Nutt. ex Torr. & A. Gray var. cuneifolia - HDH, KTZ, FCF, UTF, E/W
[Draba cuneifolia Nutt.] - GPF, SF!
[Draba cuneifolia Nutt. ex Torr. & A. Gray] - W&W
[Draba cuneifolia Nutt. var. cuneifolia] - GPF
♦ Draba exunguiculata (O. E. Schulz) C. L. Hitchc. - **ENDEMIC** **<CO>**, HDH, KTZ, FCF, SF!, W&W, E/W
{Draba fladnizensis Wulf. var. fladnizensis} - KTZ, FCF, out of range
Draba fladnizensis Wulf. var. pattersonii (O. E. Schulz) Rollins - KTZ, FCF, SF!, W&W[1], E/W
[Draba fladnizensis Wulf.] - HDH, UTF, W&W
Draba globosa Payson - Dorn01, KTZ, FCF, SF!, W&W, E/W
[Draba apiculata C. L. Hitchc.] - KTZ, RMC
[Draba densifolia Nutt. ex Torr. & A. Gray var. apiculata (C. L. Hitchc.) S. L. Welsh] - UTF
[Draba densifolia Nutt. ex Torr. & A. Gray var. globosa (Payson) S. Welsh] - UT3
♦ Draba graminea Greene - **ENDEMIC** **<CO>**, HDH, KTZ, FCF, SF!, W&W, E/W
♦ Draba grayana (Rydb.) C. L. Hitchc. - **ENDEMIC** **<CO, NM>**, Hartman06, HDH, KTZ, FCF, SF!, W&W, E/W
Draba helleriana Greene - Al-Shehbaz07b, HDH, SF!, W&W
[Draba aurea Vahl ex Hornemann var. stylosa A. Gray] - Al-Shehbaz07b
[Draba helleriana Greene var. helleriana] - KTZ, FCF, E/W, Snow07b
[Draba helleriana Greene var. leiocarpa O. E. Schulz in Engler] - Al-Shehbaz07b
[Draba helleriana Greene var. patens (Heller) O. E. Schulz] - Snow07b, KWA, JM, M&H, KTZ
[Draba helleriana Greene var. neomexicana (Greene) O. E. Schulz in Engler] - Al-Shehbaz07b
[Draba helleriana Greene var. patens (A. Heller) O. E. Schulz in Engler] - Al-Shehbaz07b
[Draba helleriana Greene var. pinetorum (Greene) O. E. Schulz in Engler] - Al-Shehbaz07b
[Draba neomexicana Greene] - Al-Shehbaz07b
[Draba neomexicana Greene var. robusta A. Heller] - Al-Shehbaz07b
[Draba pallida A. Heller] - Al-Shehbaz07b

[Draba patens A. Heller] - Al-Shehbaz07b
[Draba pinetorum Greene] - Al-Shehbaz07b
Draba incerta Payson - Dorn01, SFW, UTF, W&W, W
[Draba incerta Payson var. incerta] - KTZ, FCF
Draba juniperina Dorn - Dorn01
Draba lonchocarpa Rydb. var. lonchocarpa - KTZ, FCF, UTF, E/W
[Draba lonchocarpa Rydb.] - Dorn01, SF!, W&W
[Draba lonchocarpa Rydb. var. exigua Schulz] - UTF
[Draba nivalis Liljeblad var. exigua (O. E. Schulz) C. L. Hitchc.] - HDH
Draba macounii O. E. Schulz - KTZ, FCF
♦ Draba malpighiacea Windham & Al-Shebaz - Al-Shehbaz07b
✣ Draba nemorosa L. var. nemorosa - E/W
[Draba nemorosa L.] - Dorn01, GPF, HDH, KTZ, FCF, SF!, UTF, W&W
Draba oligosperma Hook. var. juniperina (Dorn) Welsh WY checklist, KTZ
Draba oligosperma Hook. var. oligosperma - UTF, E/W
[Draba oligosperma Hook.] - Dorn01, HDH, KTZ, FCF, SF!, W&W
Draba porsildii Mulligan var. porsildii - Dorn01, KTZ, FCF, E/W
[Draba porsildii Mulligan] - SF!, W&W
Draba rectifructa C. L. Hitchc. - HDH, KTZ, FCF, SF!, UTF, W&W, E/W
Draba reptans (Lam.) Fernald - Dorn01, KTZ, FCF, SF!, W&W, E/W
[Draba reptans (Lam.) Fernald var. reptans] - GPF, HDH, UTF
[Draba reptans (Lam.) Fernald var. micrantha (Nutt.) Fernald] - GPF
[Draba reptans (Lam.) Fernald var. stellifera (O. E. Schulz) C. L. Hitchc.] - UTF
[Draba reptans (Lam.) Fernald forma micrantha (Nutt.) C. L. Hitchc.] - HDH
[Draba reptans (Lam.) Fernald forma stellifera (O. E. Schulz) C. L. Hitchc] - HDH
♦ Draba smithii Gilg ex O. E. Schultz - **ENDEMIC <CO>**, HDH, KTZ, FCF, W&W, E
[Draba smithii Gilg] - SFE
Draba spectabilis Greene - SF!, W&W, Al-Shehbaz07b
[Draba oxyloba Greene] - Al-Shehbaz07b
[Draba spectabilis Greene var. bella O. E. Schulz in Engler] - Al-Shehbaz07b
[Draba spectabilis Greene var. oxyloba (Greene) Gilg & O. E. Schulz] - Dorn01, HDH, FCF, E/W, Al-Shehbaz07b
[Draba spectabilis Greene var. oxyloba (Greene) Gilg & O. E. Schulz ex O. E. Schulz] - KTZ
[Draba spectabilis Greene var. purpusii Gilg & O. E. Schulz in Engler] - Al-Shehbaz07b
[Draba spectabilis Greene var. spectabilis] - HDH, KTZ, FCF, UTF, E/W
{Draba stenoloba Ledeb.} - GPF <CO>, KTZ, FCF, UTF
{GPF likely referring to Draba albertina}
♦ Draba streptobrachia Price - **ENDEMIC <CO>**, KTZ, FCF, SF!, W&W, E/W
[Draba spectabilis Greene var. dasycarpa (O. E. Schulz) C. L. Hitchc] - HDH
Draba streptocarpa A. Gray - Dorn01, KTZ, FCF, SF!, W&W, E/W
[Draba streptocarpa A. Gray var. streptocarpa] - HDH
[Draba streptocarpa A. Gray var. tonsa (Wooton & Standl.) O. E. Schulz] - HDH
Draba ventosa A. Gray - Dorn01, HDH, exp., KTZ, FCF, SFW, W&W, W
[Draba ventosa A. Gray var. ventosa] - UTF
♦ Draba weberi Price & Rollins - **ENDEMIC <CO>**, KTZ, FCF, SFW, W&W, W

Erucastrum gallicum (Willd.) O. E. Schulz - Dorn01
[Brassica erucastrum L.] - KTZ

✻ {Eruca vesicaria (L.) Cav. subsp. sativa (Mill.) Thell.} - KTZ <AZ, KS, NE, NM, UT>, FCF
{Eruca sativa Mill.} - GPF, HDH, rep.
{Eruca vesicaria (L.) Cav. var. sativa (Mill.) Thell.} - UTF

Erysimum asperum (Nutt.) DC. - GPF, HDH, FCF, SF!, UTF, W&W, E/W
[Erysimum asperum (Nutt.) DC. var. asperum] - Dorn01
[Erysimum asperum (Nutt.) DC. var. arkansanum (Nutt) A. Gray] - Dorn01
[Erysimum capitatum (Douglas ex Hook) Greene var capitatum] - KTZ

Erysimum capitatum (Douglas ex Hook.) Greene var. argillosum (Greene) R.J. Davis - E/W
[Erysimum asperum (Nutt.) DC.] - UTF
[Erysimum capitatum (Douglas) Greene] - SF!, W&W
[Erysimum capitatum (Douglas ex Hook.) Greene var. purshii (T. Durand) Rollin] - FCF, KTZ, W&W[1]

Erysimum capitatum (Douglas ex Hook.) Greene var. capitatum - KTZ, FCF, E/W
[Erysimum asperum (Nutt.) DC.] - UTF
[Erysimum capitatum (Douglas) Greene] - GPF, SF!, W&W
[Erysimum nivale (Greene) Rydb] - HDH
[Erysimum capitatum (Douglas) Greene var. capitatum] - W&W[1]
[Erysimum wheeleri Rothr] - HDH

* Erysimum cheiranthoides L. subsp. altum Ahti - Dorn01, SF!, W&W, E/W
[Erysimum cheiranthoides L.] - GPF, HDH, KTZ, FCF, UTF

Erysimum inconspicuum (S. Watson) MacMill. - Dorn01, GPF, HDH, SF!, UTF, W&W, E/W
[Erysimum inconspicuum (S. Watson) MacMill. var. inconspicuum] - KTZ, FCF

*Erysimum repandum L. - Dorn01, GPF, HDH, KTZ, FCF, SF!, UTF, W&W, E/W

* Euclidium syriacum (L.) R. Br. - Dorn01, FCF, SFW, UTF, W&W, W
[Euclidium syriacum (L.) W. T. Aiton] - KTZ

♦ Eutrema penlandii Rollins - **ENDEMIC** **<CO>**, FCF, HDH2, KTZ, E/W
[NS - Al-Shehbaz {pers comm. 2004} indicates this taxon may need transfer toThellungiella; however, the combination is not yet available in that genus]
[Eutrema edwardsii R. Br subsp. penlandii (Rollins) W. A. Weber] - SFE, W&W
[Eutrema edwardsii R. Br subsp. penlandii Rollins] - SFW

Halimolobos virgata (Nutt.) O. E. Schulz - Dorn01, HDH, KTZ, SF!, UTF, W&W, E/W
[Halimolobos virgata (Nutt. ex Torr. & A. Gray) O. E. Schulz] - FCF

Hesperidanthus (see **Thelypodiopsis**)

* Hesperis matronalis L. - Dorn01, GPF, HDH, KTZ, FCF, SF!, UTF, W&W, E/W

Hutchinsia procumbens (L.) Desv. - Dorn01, HDH, KTZ, FCF, UTF, W
[Hymenolobus procumbens (L.) Nutt] - SFW
[Hymenolobus procumbens (L.) Nutt. ex Torr. & A. Gray] - W&W

Hymenolobus (see **Hutchinsia**)

* Iberis amara L. - KTZ, FCF, SFE, W&W, E

* Isatis tinctoria L. - Dorn01, KTZ, FCF, SFW, UTF, W&W, W

Koniga (see **Lobularia**)

Lepidium

(Identification sources: _____)

Lepidium alyssoides A. Gray var. alyssoides - KTZ, FCF, SFW, E/W
[Lepidium alyssoides A. Gray] - SFE, W&W[1]
[Lepidium montanum Nutt.] - HDH
[Lepidium montanum Nutt. subsp. alyssoides (A. Gray) C. L. Hitchc.] - W&W
[Lepidium montanum Nutt. var. alyssoides (A. Gray) M. E. Jones] - Dorn01

Lepidium alyssoides A. Gray var. eastwoodiae (Wooton) Rollins - KTZ, FCF, SFW, W
[Lepidium alyssoides A. Gray]
[Lepidium montanum Nutt.] - HDH
[Lepidium montanum Nutt. var. eastwoodiae (Wooton) C. L. Hitchc.] - W&W[1]

✻ Lepidium campestre (L.) R. Br. - Dorn01, GPF, HDH, FCF, UTF, E/W
[Lepidium campestre (L.) W. T. Aiton] - KTZ
[Neolepia campestre (L.) W. A. Weber] - SF!, W&W

Lepidium crenatum (Greene) Rydb. - KTZ, FCF, SFW, W&W[1], W
[Lepidium alyssoides A. Gray var. alyssoides] - KTZ, FCF
[Lepidium alyssoides A. Gray var. eastwoodiae (Wooton) Rollins] - KTZ, FCF
[Lepidium montanum Nutt.] - HDH
[Lepidium montanum Nutt. var. spatulatum (B. L. Rob.) C. L. Hitchc.] - UTF, sensu UT material, W&W[1]

✣ Lepidium densiflorum Schrad. var. densiflorum - Dorn01, HDH, KTZ, FCF, UTF, E/W
[Lepidium densiflorum Schrad.] - GPF, SF[1], W&W
[Lepidium montanum Nutt. var. spatulatum (B. L. Rob.) C. L. Hitchc.] - W&W

Lepidium densiflorum Schrad. var. macrocarpum Mulligan - Dorn01, KTZ, FCF, E/W
[Lepidium densiflorum Schrad.] - SF!, W&W
[Lepidium densiflorum Schrad. var. densiflorum] - UTF

Lepidium densiflorum Schrad. var. ramosum (A. Nels.) Thell. - Dorn01, HDH, KTZ, FCF, UTF, E/W
[Lepidium densiflorum Schrad.] - SF!, W&W

Lepidium integrifolium Nutt. var. heterophyllum S. Watson - KTZ, W
[Lepidium integrifolium Nutt. ex Torr. & A. Gray var. heterophyllum S. Watson] - FCF
[Lepidium montanum Nutt.] - Dorn01, HDH, SFW
[Lepidium montanum Nutt. var. heterophyllum (S. Watson) C. L. Hitchc.] - UTF
[Lepidium montanum Nutt. var. spatulatum (B. L. Rob.) C. L. Hitchc.] - W&W

Lepidium lasiocarpum Nutt. var. lasiocarpum - HDH, KTZ, W
[Lepidium lasiocarpum Nutt.] - SFW, W&W
[Lepidium lasiocarpum Nutt. ex Torr. & A. Gray var. lasiocarpum] - FCF, UTF

✻ Lepidium latifolium L. - Dorn01, GPF, HDH, KTZ, FCF, UTF, E/W
[Cardaria latifolia (L.) Spach] - SF[1], W&W

♦ Lepidium montanum Nutt. var. coloradense Rollins - **ENDEMIC** **<CO>**, KTZ, SFW, W&W[1], W
[Lepidium montanum Nutt. ex Torr. & A. Gray var. coloradense Rollins] - FCF

Lepidium montanum Nutt. var. jonesii (Rydb.) C. L. Hitchc. - KTZ, SFW, UTF, W&W, W
[Lepidium montanum Nutt.] - HDH
[Lepidium montanum Nutt. ex Torr. & A. Gray var. jonesii (Rydb.) C. L. Hitchc.] - FCF

Lepidium montanum Nutt. var. montanum - Dorn01, KTZ, SFW, UTF, W&W[1], W
[Lepidium montanum Nutt.] - HDH
[Lepidium montanum Nutt. subsp. montanum] - W&W
[Lepidium montanum Nutt. ex Torr. & A. Gray var. montanum] - FCF

♦ Lepidium montanum Nutt. var. tenellum (L. O. Williams) C. L. Hitchc. - **ENDEMIC** **<CO>**, KTZ, SFW, W&W, W
[Lepidium montanum Nutt. ex Torr. & A. Gray var. tenellum (L. O. Williams) C. L. Hitchc.] - FCF

Lepidium montanum Nutt. var. wyomingense (C. L. Hitchc.) C. L. Hitchc. - KTZ, SFW, W&W[1], W

[Lepidium montanum Nutt. ex Torr. & A. Gray var. wyomingensis (C. L. Hitchc.) C. L. Hitchc.] - FCF

{Lepidium paysonii Rollins} - KTZ <WY>, FCF, W&W[1], label err.?

✻ Lepidium perfoliatum L. - Dorn01, GPF, HDH, KTZ, FCF, SF!, UTF, W&W, E/W

✣ Lepidium ramosissimum A. Nelson var. bourgeauanum (Thell.) Rollins - Dorn01, FCF, Hartman 06, SFW, E/W

[Lepidium bourgeauanum Thell] - W&W

[Lepidium densiflorum Schrad.] - GPF

[Lepidium densiflorum Schrad. var. bourgeauanum (Thell) C. L. Hitchc.] - HDH

[Lepidium densiflorum Schrad. var. densiflorum] - UTF

[Lepidium ramosissimum A. Nelson] - SFE, W&W

♦ Lepidium ramosissimum A. Nelson var. divergens (Osterh.) Rollins - **ENDEMIC <CO>**, KTZ, FCF, SFW, E/W

Lepidium ramosissimum A. Nelson var. ramosissimum - Dorn01, KTZ, FCF, E/W

[Lepidium densiflorum Schad. var. ramosum (A Nelson) Thell.] - W&W

[Lepidium ramosissimum A. Nelson] - GPF, HDH, SF!, W&W

✻ Lepidium sativum L. - Dorn01, GPF, KTZ, FCF, UTF, W&W[1]

✣ Lepidium strictum (S. Watson) Rattan - KTZ, FCF, SFW, UTF, W&W, W

✣ Lepidium virginicum L. var. medium (Greene) C. L. Hitchc. - Dorn01, HDH, KTZ, E/W

[Lepidium virginicum L.] - GPF, SF!, W&W

[Lepidium virginicum L. var. virginicum] - W&W[1]

✣ Lepidium virginicum L. var. pubescens (Greene) Thell. - Dorn01, KTZ, FCF, UTF, E/W

[Lepidium virginicum L.] - GPF, SF!, W&W

[Lepidium virginicum L. var. pubescens (Greene) C. L. Hitchc.] – HDH

[Lepidium virginicum L. var. virginicum] - W&W[1]

Lesquerella

(Identification sources: _____)

[NS - O'Kane and Al-Shehbaz placed all *Lesquerella* into *Physaria* apart from the auriculate-leaved species of the southeast, which will go into *Paysonia*. I prefer seeing published phylogenies before making the transfer.]

Lesquerella alpina (Nutt.) S. Watson var. alpina - KTZ, UTF, E/W

[Lesquerella alpina (Nutt.) S Watson] - Dorn01, GPF, HDH

[Lesquerella alpina (Nutt.) S Watson subsp. alpina] - SF!

[Lesquerella alpina (Nutt ex Torr. & A. Gray) S Watson subsp alpina] - W&W

[Lesquerella alpina (Nutt ex Torr. & A. Gray) var alpina] - FCF

Lesquerella arenosa (Richardson) Rydb. var. arenosa - Dorn01

[Lesquerella ludoviciana var. arenosa (Richardson) S. Wats.] - KTZ

Lesquerella arenosa (Richardson) Rydb. var. argillosa Rollins & E. A. Shaw - Dorn01, GPF, KTZ, FCF, W&W, E

[Lesquerella arenosa (Richardson) Rydb] - SFE

♦ Lesquerella calcicola Rollins - **ENDEMIC <CO, NM>**, HDH, KTZ, FCF, SFE, W&W, E

Lesquerella condensata A. Nelson - Dorn01, KTZ, FCF

[Lesquerella alpina (Nutt.) S. Watson var. condensata (A. Nelson) C. L. Hitchc.] - UTF

♦ Lesquerella congesta Rollins - **ENDEMIC <CO>**, KTZ, FCF, SFW, W&W, W

Lesquerella fendleri (A. Gray) S. Watson - GPF, HDH, KTZ, FCF, SF!, UTF, W&W, E/W

{Lesquerella intermedia (S. Watson) A. Heller} - HDH, KTZ, FCF, UTF, W&W

Lesquerella ludoviciana (Nutt.) S.Wats.- Dorn01, GPF, HDH, KTZ, FCF, SF!, W&W, E/W

♦ Lesquerella macrocarpa A. Nelson - **ENDEMIC <WY>,** Dorn01, KTZ
Lesquerella montana (A. Gray) S. Wats. - Dorn01, GPF, HDH, KTZ, FCF, SFE, W&W, E
Lesquerella ovalifolia Rydb. ex Britton var. ovalifolia - E
[Lesquerella ovalifolia Rydb.] - HDH, SFE, W&W
[Lesquerella ovalifolia Rydb. subsp ovalifolia] - GPF, FCF
[Lesquerella ovalifolia Rydb. ex Britton subsp. ovalifolia] - KTZ
♦ Lesquerella parviflora Rollins - **ENDEMIC <CO>,** KTZ, FCF, SFW, W&W, W
Lesquerella parvula Greene - Dorn01, KTZ, FCF, W&W[1], E/W
[NS - see O'Kane06 for distriubtion details]
[Lesquerella alpina (Nutt.) S Watson] - HDH
[Lesquerella alpina (Nutt.) S Watson subsp. parvula (Greene) Rollins & E. A. Shaw] - SF!,
[Lesquerella alpina (Nutt ex Torr. & A. Gray) S Watson subsp. parvula (Greene) Rollins & E. A Shaw] - W&W
[Lesquerella alpina (Nutt.) S Watson var parvula (S. Watson) S. L. Welsh & Reveal] - UTF
Lesquerella rectipes Wooton & Standl. - HDH, KTZ, FCF, SFW, UTF, W&W, W
Lesquerella subumbellata Rollins - HDH, KTZ, FCF, UTF, W&W[1], W
[Lesquerella alpina (Nutt.) S. Watson subsp. alpina] - SFW
[Lesquerella alpina (Nutt. ex Torr. & A. Gray) S. Watson subsp. alpina] - W&W
♦ Lesquerella vicina Anderson, Reveal, & Rollins - **ENDEMIC <CO>,** KTZ, W&W[1]; Anderson97

✻ Lobularia maritima (L.) Desv. - Dorn01, KTZ, FCF, UTF, W&W, E
[Koniga maritima (L.) R. Br.] - HDH
[Lobularia maritima Desv.] - SFE

✻ Lunaria annua L. - KTZ

✻ Malcolmia africana (L.) R. Br. - Dorn01, HDH, SFW, W&W, W
[Malcolmia africana R. Br.] - GPF, FCF, UTF
[Malcolmia africana (L.) W. T. Aiton] - KTZ

Nasturtium microphyllum Boenn. ex Richenb. - Castilleja 23(4): 6 (2004)
Nasturtium officinale R. Br. - Dorn01, GPF, SF!, UTF, W&W, E/W
[Rorippa nasturtium-aquaticum (L.) Hayek] - KTZ, FCF
[Rorippa nasturtium-aquaticum (L.) Schinz & Thell.] - HDH

Neolepia (see **Lepidium**)

Noccaea montana (L.) F. K. Mey. - Dorn01SF!, W&W, E/W, Koch04
[Noccaea montana (L.) F. K. Mey. var. montana]
[Thlaspi alpestre L.] - HDH
[Thlaspi montanum L. var. montanum] - KTZ, FCF, UTF

Pennellia longifolia (Benth.) Rollins - KTZ, FCF
Pennellia micrantha (A. Gray) Nieuwl. - HDH, KTZ, FCF, SF!, W&W, E/W

Physaria

(Identification sources: _____)

Physaria acutifolia Rydb. var. acutifolia - KTZ, FCF, UTF, W
[Physaria acutifolia Rydb.] - Dorn01HDH, SFW, W&W
[Physaria australis (Payson) Rollins] - HDH
♦ Physaria alpina Rollins - **ENDEMIC <CO>**, KTZ, FCF, SF!, W&W, E/W
♦ Physaria bellii Mulligan - **ENDEMIC <CO>**, KTZ, FCF, SFE, W&W, E
Physaria brassicoides Rydb. - Dorn01, Snow04b
{Physaria curvipes (A. Nels.) Grady & O'Kane - Grady07}
{NS - closely approaches the northern end of S. Rockies in Johnson Co., WY, just north of Natronoa Co.}
Physaria didymocarpa (Hook.) Gray var. didymocarpa - Dorn01
[Physaria didymocarpa var. normalis Kuntze] - KTZ
♦ Physaria eburniflora Rollins - **ENDEMIC <WY>** Dorn01
Physaria floribunda Rydb. subsp. floribunda
[Physaria floribunda Rydb.] - HDH, SF!, UTF, W&W
[Physaria floribunda Rydb. var. floribunda] - KTZ, FCF, E/W
♦ Physaria floribunda Rydb. subsp. osterhoutii (Payson) O'Kane - **ENDEMIC <CO>** O'Kane07
[Physaria floribunda Rydb] - SFW
[Physaria floribunda Rydb. var. osterhoutii (Payson) Rollins] - KTZ, FCF, SFE, W&W[1], E/W
[Physaria osterhoutii Payson] - HDH, W&W
♦ Physaria obcordata Rollins - **ENDEMIC <CO>**, KTZ, FCF, SFW, W&W, W
♦ Physaria pruinosa (Greene) O'Kane & Al-Shehbaz - **ENDEMIC <CO, NM>**
[Lesquerella pruinosa Greene] - HDH, KTZ, FCF, SFW, W&W
♦ Physaria pulvinata O'Kane & Reveal - O'Kane06
♦ Physaria rollinsii Mulligan - **ENDEMIC <CO>,** KTZ, FCF, SFW, W&W, W
♦ Physaria scrotiformis O'Kane - **ENDEMIC <CO>** O'Kane07
Physaria spatulata (Rydb.) Grady & O'Kane - Grady07
[Lesquerella alpina (Nutt.) S. Wats. var. spatulata (Rydb.) Payson] - KTZ
[Lesquerella spatulata Rydb.] - Grady07
[Lesquerella reediana subsp. spathulata (Rydb.) O'Kane & Al-Shehbaz] - Al-Shehbaz02
♦ Physaria vitulifera Rydb. - **ENDEMIC <CO, WY>**, Dorn01, HDH, KTZ, FCF, SFE,W&W, E, Jennings04

✻ Raphanus raphanistrum L. - HDH, KTZ, FCF, UTF, W&W
✻ Raphanus sativus L. - Dorn01GPF, HDH, KTZ, FCF, UTF, W&W

Rorippa (see also **Armoracia, Nasturtium**)

(Identification sources: _____)

Rorippa calycina (Engelm.) Rydb. - Dorn01, KTZ
[Nasturtium calycinum Engelm.] - KTZ
Rorippa curvipes Greene var. alpina (S. Watson) Stuckey - Dorn01, SFW, UTF, W&W, E/W
[Rorippa alpina (S. Watson) Rydb.] - HDH, KTZ, FCF, SFE, W&W[1]
Rorippa curvipes Greene var. curvipes - Dorn01, KTZ, FCF, UTF, W&W, E
[Rorippa curvipes Greene] - GPF, HDH, SFE, W&W[1]
Rorippa curvipes Greene var. integra (Rydb.) Stuckey - Dorn01
Rorippa curvipes Greene var. truncata (Jeps.) Rollins - KTZ, FCF
[Rorippa truncata (Jeps.) R. Stuckey] - Dorn01
{Rorippa curvisiliqua (Hook.) Bessey ex Britton var. lyrata (Nutt.) Stuckey} - W&W, err. rep.
{Rorippa curvisiliqua (Hook.) Bessey ex Britton var. lyrata (Nutt. ex Torr. & A. Gray) Stuckey} - FCF
{Rorippa curvisiliqua (Hook.) Besser ex Britton var. lyrata (Nutt.) M. Peck ex C. L. Hitchc.} - KTZ

{Rorippa lyrata (Nutt.) Rydb.} - HDH
{Rorippa islandica (Oeder ex J. A. Murray) Borbás} - HDH, W&W, err. rep.
{Rorippa islandica (Oeder) Borbás} - KTZ
Rorippa palustris (L.) Besser var. fernaldiana (Butters & Abbe) Stuckey - Dorn01, FCF
[Rorippa islandica (Oeder) Borbás var glabra (O. E Schulz) S. L. Welsh & Reveal] - UTF
[Rorippa palustris (L.) Besser subsp fernaldiana (Butters & Abbe) Jonsell] -KTZ
[Rorippa palustris (L.) Besser subsp glabra (O. E. Schulz) R Stuckey var. fernaldiana (Butters & Abbe) Stucky] - GPF
[Rorippa palustris (L.) Besser var. glabra (O. E. Schulz) R. Stuckey] - W&W
Rorippa palustris (L.) Besser var. hispida (Desv.) Rydb. - Dorn01, FCF, E/W
[Rorippa hispida (Desv.) Britton] - HDH
[Rorippa islandica (Oeder) Borbás var. hispida (Desv.) Butters & Abbe] - UTF
[Rorippa palustris (L.) Besser subsp. hispida (Desv.) Jonsell] - KTZ, SF!, W&W
[Rorippa palustris (L.) Besser subsp. hispida (Desv.) Jonsell var. hispida] - GPF <CO>
Rorippa palustris (L.) Besser var. palustris - FCF
Rorippa sinuata (Nutt.) Hitchc. - Dorn01, GPF, HDH, KTZ, SF!, UTF, W&W, E/W
[Rorippa sinuata (Nutt ex Torr. & A. Gray) Hitchc] - FCF
Rorippa sphaerocarpa (A. Gray) Britton - Dorn01, HDH, KTZ, FCF, SF!, UTF, W&W, E/W
* Rorippa sylvestris (L.) Besser - GPF, Hartman06, KTZ, FCF, SFE, UTF, W&W, E
Rorippa tenerrima Greene - Dorn01, GPF, KTZ, FCF, SFE, UTF, W&W, E
Rorippa teres (Michx.) Stuckey - KTZ, SF!, W&W, E/W
[Rorippa obtusa (Nutt.) Britton] - HDH
[Rorippa teres (Michx.) Stuckey var. teres] - FCF

Schoenocrambe (see **Sisymbrium**, **Thelypodiopsis**)

* Sinapis alba L. - KTZ, FCF, W&W
[Brassica hirta Moench] - GPF, HDH, UTF
[Rorippa coloradensis R. Stuckey] - Al-Shehbaz, pers. comm., 2007, KTZ, FCF, SFE, W&W, E
* Sinapis arvensis L. - Dorn01, KTZ, FCF, SF!, W&W, E/W
[Brassica kaber (DC.) Wheeler] - GPF, HDH, UTF

Sisymbrium (see also **Arabidopsis, Thelypodiopsis**)

(Identification sources: _____)

* Sisymbrium altissimum L. - GPF, HDH, KTZ, FCF, SF!, UTF, W&W, E/W
* Sisymbrium austriacum Jacq. - KTZ, SFE, W&W, E
* Sisymbrium irio L. - FCF, GPF <CO>, KTZ <AZ, NM, UT>, FCF
Sisymbrium linifolium Nutt. - HDH
[Schoenocrambe linifolia (Nutt.) Greene] - Dorn01, KTZ, FCF, SF!, UTF, W&W, E/W
* Sisymbrium loeselii L. - GPF, KTZ, FCF, SF!, W&W, E/W
* Sisymbrium officinale (L.) Scop. - HDH, KTZ, FCF, SFE, UTF, W&W, E
[Sisymbrium officinale (L.) Scop. var. leiocarpum DC.] - GPF
[Sisymbrium officinale (L.) Scop. var. officinale] - GPF

Smelowskia calycina (Steph. ex Willd.) C. A. Mey. var. americana (Regel & Herd.) Drury & Rollins - Dorn01, KTZ, E/W
[Smelowskia calycina (Steph.) C. A. Mey.] - SF!
[Smelowskia calycina (Steph. ex Willd.) C. A. Mey.] - W&W
[Smelowskia calycina C. A. Mey. var. americana Drury & Rollins] - HDH

[Smelowskia calycina C. A. Mey. var. americana (Regel & Herd.) Drury & Rollins] - UTF
[Smelowskia calycina (Steph.) C. A. Mey. var. americana (Regel & Herd.) Drury & Rollins] - FCF

Stanleya albescens M. E. Jones - HDH, KTZ, FCF, SFW, UTF, W&W, W
Stanleya pinnata (Pursh) Britton var. integrifolia (E. James) Rollins - GPF, HDH, FCF, W&W, W
[Stanleya integrifolia E. James] - UTF
[Stanleya pinnata (Pursh) Britton] - Dorn01
[Stanleya pinnata (Pursh) Britton var. integrifolia (E. James) Robins.] - SFW
[Stanleya pinnata (Pursh) Britton var. integrifolia (E. James ex Torr.) Rollins] - KTZ
Stanleya pinnata (Pursh) Britton var. pinnata - GPF, HDH, KTZ, FCF, UTF, W&W, E/W
[Stanleya pinnata (Pursh) Britton] - SF!
[Stanleya pinnata (Pursh) Britton var. bipinnata (Greene) Rollins] - HDH, KTZ, FCF
Stanleya viridiflora Nutt. - Dorn01, HDH, KTZ, SFW, W&W, W
[Stanleya viridiflora Nutt. ex Torr. & A. Gray] - FCF, UTF

Stanleyella (see **Thelypodium**)

Streptanthella longirostris (S. Watson) Rydb. var. longirostris - RMC, W
[Streptanthella longirostris (S. Watson) Rydb.] - Dorn01, HDH, KTZ, FCF, SFW, UTF, W&W

Streptanthus cordatus Nutt. - Dorn01, GPF, SFW, W
[Streptanthus cordatus Nutt. ex Torr. & A. Gray] - HDH, UTF, W&W
[Streptanthus cordatus Nutt. var. cordatus] - KTZ
[Streptanthus cordatus Nutt. ex Torr. & A. Gray var cordatus] - FCF

Subularia aquatica L. var. americana (Mulligan & Calder) Bovin - KTZ, FCF, E
[Subularia aquatica L.] - Dorn01, SFE, W&W[1]

Thellungiella salsuginea (Pall.) O. E. Schulz] - SFE, W&W
[Arabidopsis salsuginea (Pall) N. Busch] - KTZ, FCF, E
[Sisymbrium salsugineum Pall.] - HDH, rep.

Thelypodiopsis

(Identification sources: _____)

Thelypodiopsis aurea (Eastw.) Rydb. - KTZ, FCF, SFW, UTF, W&W, W
[Sisymbrium aureum (Eastw.) Payson] - HDH
Thelypodiopsis elegans (M. E. Jones) Rydb. - Dorn01, KTZ, FCF, SFW, UTF, W&W, W
[Sisymbrium elegans (M. E Jones) Payson var elegans] - HDH
♦ Thelypodiopsis juniperorum (Payson) Rydb. - **ENDEMIC** **<CO>**, KTZ, FCF, SFW, W&W, W
[Sisymbrium elegans (M. E. Jones) Payson var. juniperorum (Payson) Harrington] - HDH
Thelpyodiopsis linearifolius (Gray) Al-Shehbaz
[Schoenocrambe linearifolia (A. Gray) Rollins] - KTZ, FCF, SF!, W&W, E/W
[Hesperidanthus linearifolius (A. Gray) Rydb.] - HDH

Thelypodium

(Identification sources: _____)

Thelypodium integrifolium (Nutt.) Endl. ex Walp. var. gracilipes B. L. Rob. - E/W
[Thelypodium integrifolium (Nutt.) Endl.] - Dorn01, SF!, W&W
[Thelypodium integrifolium (Nutt.) Endl. var. gracilipes B. L. Rob.] - UTF
[Thelypodium integrifolium (Nutt. ex Torr. & A. Gray) Endl. subsp. gracilipes (B. L. Rob.) Al-Shehbaz] - FCF
[Thelypodium integrifolium (Nutt.) Endl. ex Walp. subsp. gracilipes (B. L. Rob.) Al-Shehbaz] - KTZ
[Thelypodium rhomboideum Greene var. gracilipes (B. L. Rob.) Payson] - HDH
Thelypodium integrifolium (Nutt.) Endl. ex Walp. var. integrifolium - E/W
[Thelypodium integrifolium (Nutt.) Endl.] - GPF, SF!, W&W
[Thelypodium integrifolium (Nutt.) Endl. var. integrifolium] - UTF
[Thelypodium integrifolium (Nutt. ex Torr. & A. Gray) Endl. subsp. integrifolium]- FCF
[Thelypodium integrifolium (Nutt.) Endl. ex Walp. subsp. integrifolium] - KTZ
[Thelypodium lilacinum Greene] - HDH
[Thelypodium rhomboideum Greene var. rhomboideum] - HDH
Thelypodium laxiflorum Al-Shehbaz - KTZ, FCF, SFW, UTF, W&W, W
Thelypodium paniculatum A. Nelson - Dorn01, KTZ, FCF, SFE, W&W, E
[Thelypodium sagittatum (Nutt.) Endl.] - HDH
Thelypodium sagittatum (Nutt.) Endl. ex Walp. var. sagittatum - E
[Thelypodiopsis sagittata (Nutt.) O. E. Schulz var. sagittata] - UTF
[Thelypodium sagittatum (Nutt.) Endl.] - Dorn01, HDH, SFE
[Thelypodium sagittatum (Nutt.) Engl. subsp. sagittatum] - FCF, W&W
[Thelypodium sagittatum (Nutt. ex Torr. & A. Gray) Endl. ex Walp. subsp. sagittatum] - KTZ
Thelypodium wrightii A. Gray subsp. oklahomensis Al-Shehbaz - KTZ, FCF, SFE,W&W, E
{Thelypodium wrightii A. Gray subsp. wrightii} - KTZ <AZ, NM> FCF, W&W, err. rep.
{Stanleyella wrightii (A. Gray) Rydb.} - HDH
{Thelypodium wrightii A. Gray} - GPF, UTF

Thlaspi (see also **Noccaea**)
* Thlaspi arvense L. - Dorn01, GPF, HDH, KTZ, FCF, SF!, UTF, W&W, E/W

✣ Turritis glabra L. var. glabra – SF!, W&W, Al-Shehbaz03, O'Kane03
[Arabis glabra (L.) Bernh. var. glabra] - FCF, UTF, E/W, Rollins93
[Arabis glabra (L.) Bernh.] - GPF, HDH, KTZ
[Arabis macrocarpa (Nutt. ex Torr. & Gray) Torrey] - Rollins93
[Arabis perfoliata Lam.] - Rollins93
[Turritis glabra var. lilacina O. E. Schulz] - Rollins93
[Turritis macrocarpa Nutt. ex Torr. & Gray] - Rollins93

Wislizenia refracta Engelm. subsp. refracta - KWA, M&H, W&S, KTZ
[Wislizenia refracta var. melilotoides (Greene) I.M. Johnston] - KTZ

Cactaceae - CAC

(Identification sources: _____)

Coryphantha missouriensis (Sweet) Britton & Rose var. missouriensis - GPF, UTF, E/W
[Coryphantha missouriensis (Sweet) Britton & Rose] - Dorn01, SF!, W&W
[Escobaria missouriensis (Sweet) D. R. Hunt var. missouriensis] - KTZ
[Mammillaria missouriensis Sweet] - HDH
{Coryphantha vivipara (Nutt.) Britton & Rose var. arizonica (Engelm.) W. T. Marshall} - UTF,

W&W
{Escobaria vivipara (Nutt.) Buxbaum var. arizonica (Engelm.) D. R. Hunt} - KTZ
Coryphantha vivipara (Nutt.) Britton & Rose var. radiosa (Engelm.) Backeb.} - M&H, GPF <CO>, KTZ, SFW, W&W, W
[Escobaria vivipara (Nutt.) Buxbaum var. radiosa (Engelm.) D. R. Hunt] - KWA, KTZ
[Mammillaria vivipara (Nutt.) Haw.] - HDH
Coryphantha vivipara (Nutt.) Britton & Rose var. vivipara - GPF, SFE, UTF, W&W, E
[Coryphantha vivpara (Nutt.) Britton & Rose] - Dorn01
[Escobaria vivipara (Nutt.) Buxbaum var. vivipara] - KTZ
[Mammillaria vivipara (Nutt.) Haw.] - HDH

Cylindropuntia (see **Opuntia**)

Echinocactus (see **Pediocactus, Sclerocactus**)

Echinocerus

(Identification sources: _____)

Echinocereus coccineus Engelm. var. coccineus - HDH, KTZ, W
[Echinocereus coccineus Engelm. var. inermis (K. Schum.) Boiss.] - HDH
[Echinocereus triglochidiatus Engelm. var. melanacanthus (Engelm.) L. D. Benson] - UTF, W&W
[Echinocereus triglochidiatus Engelm. var. triglochidiatus] - W&W
Echinocereus fendleri (Engelm.) F. Seitz var. fendleri - KTZ, W
[Echinocereus fendleri (Engelm.) F. Seitz] - KTZ
[Echinocereus fendleri (Engelm.) Rumpler] - HDH, SFW, W&W
Echinocereus reichenbachii (Terscheck ex Walp.) F. Haage var. perbellus (Britton & Rose) L. D. Benson - GPF, KTZ, E
[Echinocereus reichenbachii (Terscheck) F. Haage] - HDH
[Echinocereus reichenbachii (Terscheck) F. Haage var. perbellus (Britton & Rose) L. D. Benson] - SFE, W&W
Echinocereus triglochidiatus Engelm. var. mojavensis (Engelm. & Bigel.) Benson - FCF
Echinocereus triglochidiatus Engelm. var. neomexicanus (Standl.) Standl. ex W.T. Marshall - KWA, M&H
[Some {see KWA} feel this may be a sterile hybrid between E. coccineus x E. chloranthus]
[Echinocereus coccineus var arizonicus (Rose ex Orcutt) Ferguson] - KTZ <AZ>
[Echinocereus neomexicanus Standl.] - M&H
[Echinocereus rosei Woot. & Standl] - M&H
[Echinocereus polyacanthus Engelm.] - M&H
[Cereus neomexicanus (Standl.) Tidestr.] - IPNI
Echinocereus triglochidiatus Engelm. var. triglochidiatus - KTZ, W&W, E/W
[Echinocereus triglochidiatus Engelm.] - HDH, SF!
[Echinocereus triglochidiatus Engelm. var. gonacanthus (Engelm. & Bigelow) Boissev. & C. Davidson] - W&W
Echinocereus viridiflorus Engelm. var. viridiflorus - KTZ, E
[Echinocereus viridiflorus Engelm] - Dorn01, GPF, HDH, SFE, W&W

Escobaria (see **Coryphantha**)

Mammillaria (see also **Coryphantha**)
Mammillaria heyderi Muehlenpf. - KTZ

[NS – B. Legler {pers. comm. 2009} also confirms 2 collections from Colfax Co., NM; mostly likely the typical variety]

Opuntia

(Identification sources: _____)

Opuntia cymochila Engelm. & Bigelow - KTZ, E
[Opuntia macrorhiza Engelm. var. macrorhiza] L. Benson - GPF, KTZ
[Opuntia macrorhiza Engelm.] - Dorn01, SFE, UTF, W&W
{Opuntia davisii Engelm. & Bigelow} - HDH
{Cylindropuntia davisii (Engelm. & Bigelow) Kunth} - W&W, err. rep.
{Opuntia tunicata (Lehm) Link & Otto var davisii (Engelm & Bigelow) L D. Benson}-GPF, KTZ <NM, OK>
Opuntia engelmannii Salm-Dyck var. engelmannii - KWA, KTZ
[Opuntia discata Griffiths] - KWA
[Opuntia dillei Griffiths] - KWA, KTZ
[Opuntia megacarpa Griffiths] - KTZ
[Opuntia microcarpa Englem. ex B. D. Jackson] - KWA
[Opuntia occidentalis var. megacarpa (Griffiths) Munz] - KTZ
[Opuntia phaeacantha Englem. var. discata (Griffiths) Benson] - KWA, M&H
[Opuntia tardospina Griffiths] - KWA
Opuntia erinacea Engelm. & Bigelow ex Engelm. var. erinacea - KTZ, W
[Opuntia erinacea Engelm.] - SFW
[Opuntia erinacea Engelm. var. erinacea] - UTF
[Opuntia erinacea Engelm. & Bigelow var. erinacea] - W&W
[Opuntia hystricina Engelm & Bigelow] - HDH
Opuntia erinacea Engelm. & Bigelow ex Engelm. var. utahensis (Engelm.) L. D. Benson - Dorn01, KTZ
[Opuntia erinacea Engelm. var. utahensis (Engelm.) L. D. Benson] -UTF
[Opuntia erinacea Engelm. & Bigelow var. utahensis (Engelm.) L. D. Benson] - GPF, W&W
[Opuntia rhodantha K. Schum.] - HDH
Opuntia fragilis (Nutt.) Haw. var. brachyarthra (Engelm. & Bigelow) J. M. Coult. - KTZ, SFW, W&W, W
[Opuntia fragilis (Nutt.) Haw] - Dorn01, UTF
[Opuntia schweriniana K Schum.] - HDH
Opuntia fragilis (Nutt.) Haw. var. fragilis - KTZ, W&W, E
[Opuntia fragilis (Nutt.) Haw.] - GPF, HDH, SFE, UTF
♦ Opuntia heacockiae Arp - **ENDEMIC** **<CO>**, KTZ, SFE, W&W, E
{Opuntia humifusa (Raf.) Raf.} - GPF, W&W, err. rep.
{Opuntia humifusa Raf.} - HDH
{Opuntia humifusa (Raf.) Raf. var. humifusa} - KTZ
Opuntia imbricata (Haw.) DC. var. imbricata - KTZ, E/W
[Cylindropuntia imbricata (Haw.) Knuth] - SF!, W&W
[Opuntia arborescens Engelm.] - HDH
[Opuntia imbricata (Haw.) DC.] - GPF
Opuntia macrocentra Engelm. - KWA
[Opuntia violacea Engelm.] - KTZ
[Opuntia violacea var.castetteri L. Benson] - KTZ
[Opuntia violacea var. macrocentra (Engelm.) L. Benson] - KTZ, M&H
Opuntia phaeacantha Engelm. var. camanchica (Engelm. & Bigelow) L. D. Benson - GPF, KTZ, W&W, E/W

[Opuntia phaeacantha Engelm.] - HDH, SF!

Opuntia phaeacantha Engelm. var. major Engelm. - GPF, KTZ, UTF, W&W

{Opuntia phaeacantha Engelm. var. phaeacantha} - GPF, KTZ, UTF, <CO fide L. D. Benson>

Opuntia polyacantha Haw. var. juniperina (Britton & Rose) L. D. Benson - Dorn01, KTZ, W

[Opuntia polyacantha Haw.] - W

[Opuntia polyacantha Haw. var polyacantha] - UTF, W&W

Opuntia polyacantha Haw. var. polyacantha - Dorn01, GPF, KTZ, UTF, W&W, E/W

[Opuntia polyacantha Haw.] - HDH, SF!

[Opuntia rutila Nutt.] - HDH

Opuntia polyacantha Haw. var. rufispina (Engelm. & Bigelow ex Engelm.) L. D. Benson - Dorn01, KTZ, W

[Opuntia polyacantha Haw] - HDH, SFW

[Opuntia polyacantha Haw. var. rufispina (Engelm. & Bigelow) L. D. Benson] - UTF

[Opuntia polyacantha Haw. var. rufispina (Engelm.) L. D. Benson] - W&W

Opuntia polyacantha Haw. var. trichophora (Engelm. & Bigelow) J. M. Coult. - GPF, UTF, KTZ

[Opuntia polyacantha Haw. var. polyacantha] - W&W

[Opuntia trichophora (Engelm.) Britton & Rose] - HDH

Opuntia X viridiflora Britton & Rose - KTZ

[Cylindropuntia viridiflora (Britton & Rose) F. M. Knuth] - KWA

[Opuntia imbricata X O. whipplei] - KTZ (pro sp.) - KTZ

[Opuntia whipplei Engelm. var. viridiflora (Britton & Rose) L. Benson] - KWA

Opuntia whipplei Engelm. & Bigelow var. whipplei - UTF, W

[Cylindropuntia whipplei (Engelm. & Bigelow) Knuth] - SFW, W&W

[Opuntia whipplei Engelm. & Bigelow] - KTZ

♦ Opuntia wootonii Griffiths - **ENDEMIC** <NM>

[Opuntia engelmannii var. wootonii (Griffiths) Fosberg] - KTZ

[Opuntia phaeacantha var. wootonii (Griffiths) L. Benson] - KWA, M&H, KTZ

{Pediocactus knowltonii L. D. Benson} - KTZ, SFW, W&W, W

Pediocactus simpsonii (Engelm.) Britton & Rose var. simpsonii - Dorn01, KTZ, W&W, E/W

[Echinocactus simpsonii Engelm.] - HDH

[Pediocactus simpsonii (Engelm.) Britton & Rose] - GPF, SFW, UTF

[Pediocactus simpsonii (Engelm.) Britton & Rose var. minor (Engelm.) Cockerell] - KTZ, SFE, W&W

Sclerocactus cloveriae K. D. Heil & J. M. Porter subsp. cloveriae - KTZ

[Sclerocactus cloveriae K. D. Heil & J. M. Porter] - KTZ

Sclerocactus glaucus (J. A. Purpus ex K. Schum.) L. D. Benson - KTZ,W

[Echinocactus whipplei Engelm. & Bigelow] - HDH

[Sclerocactus glaucus (K. Schum.) L. D. Benson] - SFW, W&W

[Sclerocactus whipplei (Engelm.) Britton & Rose var. roseus (Clover) L. D. Benson] - UTF

[Sclerocactus whipplei (Engelm.) Britton & Rose var. glaucus (Purpus) S. Welsh] - UT3

♦ Sclerocactus mesae-verdae (Boissev. ex Boissev. & C. Davidson) L. D. Benson - **ENDEMIC** <CO, NM>, KTZ, W

[Echinocactus mesae-verdae (Boissev. & C. Davidson) L. D. Benson] - HDH

[Sclerocactus mesae-verdae Boissev. & C. Davidson] - SFW

[Sclerocactus mesae-verdae (Boissev.) L. D. Benson] - UTF

[Sclerocactus mesae-verdae (Boissev. & C. Davidson) L. D. Benson] - W&W

Sclerocactus parviflorus Clover & Jotter var. intermedius (Peebles) Woodruff & L. D. Benson - W

[Echinocactus whipplei Engelm. & Bigelow] - HDH

[Sclerocactus parviflorus Clover & Jotter] - W&W

[Sclerocactus parviflorus Clover & Jotter subsp. intermedius (Peebles) K. D. Heil & J. M. Porter] - KTZ

[Sclerocactus whipplei (Engelm.) Britton & Rose var. roseus (Clover) L. D. Benson] - UTF
[Sclerocactus whipplei (Engelm. & Bigelow) Britton & Rose var. intermedius (Peebles) Benson] - SFW
Sclerocactus parviflorus Clover & Jotter var. parviflorus
[Sclerocactus parviflorus Clover & Jotter] - W&W
[Sclerocactus parviflorus Clover & Jotter subsp parviflorus] - KTZ
[Sclerocactus whipplei (Engelm) Britton & Rose var. roseus (Clover) L. D Benson] - UTF

Caesalpiniaceae (see **FAB**)

Calochortaceae (see **LIL**)

Callitrichaceae - CLL

Callitriche hermaphroditica L. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Callitriche heterophylla Pursh var. heterophylla - KWA, KTZ, M&H, E/W
[Callitriche anceps Fern.] - KTZ
[Callitriche heterophylla Pursh] - GPF, HDH, IMF, SF!, UTF, W&W, doubtful, W&W[1]
[Callitriche heterophylla Pursh subsp heterophylla] - KTZ
Callitriche palustris L. - Dorn01, HDH, IMF, KTZ, E/W
[Callitriche verna L.] - GPF, KTZ, SF!, UTF, W&W

Campanulaceae - CAM (including Lobeliaceae)

(Identification sources: _____)

Campanula aparinoides Pursh - Dorn01, GPF, HDH rep., KTZ, SFE, W&W, E
* Campanula glomerata L. - KTZ<UT>, UTF
[WJ - rapidly spreading through vacant lots in Marble, Gunnison Co.]
Campanula parryi A. Gray var. parryi - IMF, KTZ, E/W
[Campanula parryi A. Gray] - Dorn01, HDH, SF!, UTF, W&W
* Campanula rapunculoides L. - Dorn01, GPF, HDH, corr. & add., IMF, KTZ, SFE, W&W, E
Campanula rotundifolia L. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
[Campanula gieseckiana Vest] - SFE
[Campanula groenlandica Berlin] - SFE
[Campanula rotundifolia L subsp groenlandica (Berlin) A. Löve & D Löve] - SFW, possibly, alpine race
Campanula uniflora L. - Dorn01, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Downingia laeta (Greene) Greene - Dorn01, KTZ

Heterocodon rariflorum Nutt. - HDH, IMF, KTZ, SFW, W&W, W
[Specularia rariflora (Nutt.) McVaugh] - KTZ

Legousia (see **Triodanis**)

Lobelia cardinalis L. - GPF, KTZ, E
[Lobelia cardinalis L. subsp. graminea (Lam.) McVaugh] - HDH, IMF, SFE, UTF, W&W
{Lobelia kalmii L.} - HDH rep., GPF <CO>, KTZ, W&W, doubtful
Lobelia siphilitica L. var. ludoviciana A. DC. - Dorn01, GPF, HDH, KTZ, SFE, W&W, E
{Lobelia X speciosa Sweet var. occidentalis Bowden} - KTZ

{Lobelia spicata Lam.} - HDH, rep. <NE>, KTZ <KS, NE, OK>

{Porterella carnosula (Hook. & Arn.) Torr.} - HDH, exp., IMF <CO>, KTZ <AZ, UT, WY>, UTF

Specularia (see **Heterocodon, Triodanis**)

Triodanis holzingeri McVaugh - Dorn01, GPF, HDH, KTZ, SFE, possible hybrid,W&W, E
[Specularia holzingeri (McVaugh) Fern.] - KTZ
Triodanis leptocarpa (Nutt.) Nieuwl. - Dorn01, GPF, HDH, KTZ, SFE, W&W, E
[Specularia leptocarpa (Nutt.) Gray] - KTZ
✣ Triodanis perfoliata (L.) Nieuwl. - Dorn01, GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E
[Legousia perfoliata (L) Britt.] - KTZ
[Specularia perfoliata (L.) A. DC.] - KTZ

Cannabaceae - CAN (including some formerly in **ULM**)

*Cannabis sativa L. - Dorn01, FNA, HDH, SF!, W&W, E/W
[Cannabis sativa L. subsp indica (Lam.) Small & Cronquist] - UTF
[Cannabis sativa L. subsp. sativa] - UTF
[Cannabis sativa L. subsp. sativa var. sativa] - GPF, KTZ
[Cannabis sativa L. subsp. sativa var. spontanea Vavilov] - GPF

✣ Celtis occidentalis L. - Dorn01, GPF, HDH, KTZ, UTF, W&W, cult.
Celtis reticulata Torr. - GPF, SF!, UTF, W&W, E/W
[NS - Alan Whittemore, National Arboretum, indicates {pers comm., 2007} that this is the correct name for plants in our region, but not the correct one for plants farther south and east]
[Celtis laevigata Willd. var. reticulata (Torr.) L. D Benson] - KTZ
[Celtis occidentalis L.] - HDH

{Humulus lupulus L. var. lupuloides E. Small} - FNA, GPF, KTZ <KS,NE,UT,WY>, E/W
{Humulus americanus Nutt.} - HDH, UTF
{Humulus lupulus L. subsp. americanus (Nutt.) A. Löve & D. Löve} - SF!, W&W[1]
{Humulus lupulus L. var. americanus (Nutt.) A. Löve & D. Löve} - W&W
Humulus lupulus L. var. neomexicanus A. Nelson & Cockerell - Dorn01, FNA, GPF, KTZ

Cleomaceae - CMC

Cristatella (see **Polanisia**)

Cleome lutea Hook. var. lutea - Dorn01, KTZ, W
[Cleome lutea Hook.] - GPF, HDH, SFW, UTF, W&W
Cleome multicaulis Sessé & Moç. ex DC. - Dorn01, W&W, E
[Cleome multicaulis DC.] - KTZ
[Cleome multicaulis Sessé & Moç.] - SFE
[Cleome sonorae A. Gray] - HDH
Cleome serrulata Pursh - Dorn01, GPF, KTZ, SF!, W&W, E/W
[Cleome serrulata Pursh forma inornata (Greene) W. A Weber] - SF!
[Cleome serrulata Pursh var angusta (M. E Jones) Tidestr.] - HDH, UTF
[Cleome serrulata Pursh var serrulata] - HDH, UTF

Cleomella angustifolia Torr. - GPF, HDH, KTZ, SFE, W&W, E
Cleomella palmeriana M. E. Jones - HDH rep., KTZ, SFW, W&W, W
[Cleomella montrosae Payson] - HDH
[Cleomella nana Eastw.] - HDH
[Cleomella palmeriana M. E. Jones var. palmeriana] - UTF
Cleomella plocasperma - FCF

{Polanisia dodecandra (L.) DC. var. dodecandra}
{Polanisia dodecandra (L.) DC. subsp. dodecandra} - GPF, KTZ
{Polanisia graveolens Raf.} - HDH, rep.
Polanisia dodecandra (L.) DC. var. trachysperma (Torr. & A. Gray) H. H. Iltis - UTF, E/W
[Polanisia dodecandra (L.) DC.] - SF!, W&W
[Polanisia dodecandra (L.) DC. subsp. trachysperma (Torr. & A. Gray.) H. H. Iltis] - GPF, KTZ
[Polanisia trachysperma Torr. & A. Gray] - Dorn01, HDH
Polanisia jamesii (Torr. & A. Gray) H. H. Iltis - GPF, KTZ, SFE, W&W, E
[Cristatella jamesii Torr. & A. Gray] - HDH

Capparaceae (see **CMC**)

Caprifoliaceae - (CPR)

(Identification sources: _____)

Distegia (see **Lonicera**)

Lonicera dioica L. var. glaucescens (Rydb.) Butters - Dorn01, KTZ
[Lonicera dioica var. dasygyna (Rehd.) Gleason] - KTZ
[Lonicera dioica var. glaucescens (Rydb.) Butters] - KTZ
[Lonicera dioica var. orientalis Gleason] - KTZ
[Lonicera glaucescens (Rydb.) Rydb.] - KTZ
[Lonicera glaucescens var. dasygyna Rehd.] - KTZ
Lonicera involucrata (Richardson) Banks ex Spreng. var. involucrata - IMF, E/W
[Distegia involucrata (Banks) Cockerell] - SF!
[Distegia involucrata (Banks ex Spreng.) Cockerell] - W&W
[Lonicera involucrata (Richardson) Banks] - HDH
[Lonicera involucrata (Richardson) Banks ex Spreng.] - UTF
[Lonicera involucrata Banks ex Spreng.] - Dorn01
[Lonicera involucrata Banks ex Spreng. var. involucrata] - KTZ
* Lonicera morrowii A. Gray - Dorn01, KTZ, SF!, W&W, E/W
* Lonicera tatarica L. - Dorn01, GPF, KTZ, SFE, UTF, W&W, E
{Lonicera utahensis S. Watson} - HDH, exp., IMF, KTZ <AZ,NM,UT,WY>, UTF, W&W, misid.
Lonicera x bella Zabel - WY checklist
[Lonicera morrowii x L. tatarica] - KTZ
Lonicera x minutiflora Zabel - WY checklist
[Lonicera morrowii x L. xylosteoides] - KTZ
[Lonicera x muendeniensis] - KTZ

Sambucus (see **SAM**)

Symphoricarpos albus (L.) S. F. Blake var. albus - Dorn01, IMF, KTZ, E
[Symphoricarpos albus (L.) S. F Blake] - GPF, HDH, SFE, UTF, W&W
[Symphoricarpos rivularis Suksd] - HDH
{Symphoricarpos albus (L.) S. F. Blake var. laevigatus (Fernald) S. F. Blake} - IMF, KTZ
Symphoricarpos longiflorus A. Gray - HDH, IMF, KTZ, SFW, UTF, W&W, W
Symphoricarpos occidentalis Hook. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
{Symphoricarpos orbiculatus Moench} - GPF, KTZ <KS, NE, OK, UT>, UTF, W&W, cult.
{Symphoricarpos orbiculatus A. Gray} - HDH, rep
Symphoricarpos oreophilus A. Gray var. oreophilus - IMF, KTZ, UTF, E/W
[Symphoricarpos oreophilus A. Gray] - HDH
[Symphoricarpos rotundifolius A. Gray] - SF!, W&W[1]
Symphoricarpos oreophilus A. Gray var. utahensis (Rydb.) A. Nelson - Dorn01, KTZ, UTF, E/W
[Symphoricarpos rotundifolius A. Gary] - SF!, W&W[1]
[Symphoricarpos tetonensis A Nelson] - HDH
[Symphoricarpos utahensis Rydb.] - HDH
[Symphoricarpos vaccinioides Rydb] - HDH
Symphoricarpos rotundifolius A. Gray var. rotundifolius - KTZ, E/W
[Symphoricarpos palmeri G. N. Jones] - GPF, HDH, KTZ
[Symphoricarpos rotundifolius A. Gray] - HDH, SF!, W&W

Viburnum (see **VIB**)

Caryophyllaceae - CRY (including **Alsinaceae**)

(Identification sources: _____)

* Agrostemma brachyloba (Fenzl) Hammer - KTZ, W&W[1], rep.}
{NS - a garden waif from Boulder; not considered established by FNA 5: 215}
{Agrostemma gracilis Boiss.} - W&W
Agrostemma githago L. var. githago - FNA
[Agrostemma githago L.] - Dorn01, GPF, HDH rep., KTZ?, RMC,W&W[1], rep.

Alsinanthe (see **Minuartia**)

Alsine (see **Stellaria**)

Anotites (see **Silene**)

Arenaria

(Identification sources: _____)

Arenaria (see also **Eremogone, Minuartia, Moehringia**)
Arenaria lanuginosa (Michx.) Rohrbach var. saxosa (A. Gray) Zarucchi, R. L. Hartm. & Rabeler - FNA
[Arenaria confusa Rydb.] - FNA, HDH
[Arenaria lanuginosa (Michx.) Rohrb.] - UTF
[Arenaria lanuginosa (Michx.) Rohrb. var. cinerascens (B. L. Rob.) Shinners] - FNA, E/W

[Arenaria lanuginosa (Michx.) Rohrb. subsp. saxosa (A. Gray) Maguire - FNA, KTZ
[Arenaria saxosa A. Gray] - FNA, HDH
[Spergulastrum lanuginosum Michx. subsp. saxosum (A. Gray) W. A. Weber] - FNA, SF!, W&W
*Arenaria serpyllifolia L. var. serpyllifolia - FNA
[Arenaria serpyllifolia L.] - Dorn01, GPF, HDH, KTZ?, SFE, UTF, W&W
[Arenaria serpyllifolia L. subsp serpyllifolia] - E

Cerastrium

(Identification sources: _____)

Cerastium arvense L. subsp. strictum Gaudin - FNA
[NS - see FNA 5. 80 for lengthy synonymy, including many combinations by either Greene or A. Nels.]
[Cerastium arvense L.] - Dorn01, GPF, HDH, UTF, E/W
[Cerastium arvense L. subsp. fuegianum (Hook f.) Ugbor.] - KTZ
[Cerastium arvense L. subsp. strictum (L.) Ugbor.] - KTZ
[Cerastium strictum L.] - SF!, W&W
Cerastium beeringianum Cham. & Schltdl. - FNA, HDH, UTF
[NS - see FNA 5:81 for additional synonymy]
[Cerastium beeringianum Cham & Schltdl var capillare Fernald & Wiegand] - Dorn01, E/W
[Cerastium beeringianum Cham & Schltdl subsp. earlei (Rydb.) Hultén] - KTZ, SF!, W&W
Cerastium brachypodum (Engelm. ex A. Gray) B. L. Rob. - Dorn01, FNA, GPF, KTZ, E/W
[Cerastium adsurgens Raf.] - FNA
[Cerastium adsurgens Raf. var. brachypodum Engelm. ex A. Gray] - FNA
[Cerastium brachypodum (Engelm.) B. L. Rob.] - HDH
[Cerastium brachypodum (Engelm.) B. L. Rob. var. compactum B. L. Rob.] - FNA
[Cerastium nutans Raf. var. brachypodum Engelm.] - SF!
[Cerastium nutans Raf. var. brachypodum Engelm. ex A. Gray] - W&W
[Cerastium nutans Raf.] - UTF
Cerastium fastigiatum Legler, pers. comm.
[NS - FNA (Vol. 5: 85) discusses the taxonomy of this and related species. Legler reports several collections from Colfax Co., NM but confirms the taxonomy of the species complex may need more attention]
* Cerastium fontanum Baumg. subsp. vulgare (Hartm.) Greuter & Burdet - FNA, KTZ, E/W
[Cerastium caespitosum Gilbert] - FNA
[Cerastium caespitosum Baumg subsp. triviale (Link) Jalas] - FNA
[Cerastium triviale Link] - FNA
[Cerastium vulgare Hartman] - FNA
[Cerastium vulgatum L.] - GPF
[Cerastium vulgatum L. var. hirsutum Fries] - FNA, HDH
* Cerastium glomeratum Thuill. - GPF, KTZ <KS, NM, OK>
[NS - FNA report for NM may not apply yet, but taxon widespread and likely to be collected in our area soon]
[Cerastium viscosum L.] - HDH, exp.
Cerastium nutans Raf. var. nutans - FNA, KTZ
[Cerastium longipedunculatum Muhl. ex Britt] - FNA
[Cerastium nutans Raf] - GPF, HDH, UTF
[Cerastium nutans Raf var. occidentale B. Boivin] - FNA

Conosilene (see **Silene**)

Coronaria (see **Silene**)

* Dianthus armeria L. - Dorn01, FNA, GPF, KTZ, SF!, UTF, W&W
[Dianthus armeria L. subsp. armeria] - E/W
* Dianthus barbatus L. - Dorn01, KTZ, UTF
[NS - FNA does not indicate subsp. barbatus in our region]
[Dianthus barbatus L. subsp. barbatus] - RMC
* Dianthus deltoides L. subsp. deltoides - FNA, E/W
[Dianthus deltoides L.] - Dorn01, KTZ, SF!, UTF, W&W

Drymaria depressa Greene - FNA
[Drymaria effusa A Gray var depressa (Greene) Duke] - KTZ, SFE, W&W, E
Drymaria glandulosa Bartlin in C. Presl var. glandulosa - B. Legler, pers. comm. 2009
[NS - Legler reports multiple collections from Colfax Co., NM]
Drymaria leptophylla (Cham. & Schltdl.) Fenzl ex Rohrb. var. leptophylla - FNA, KTZ, W&W, err. rep.
Drymaria molluginea (Seringe) Didrichsen - B. Legler, pers. comm. 2009
[NS - Legler reports multiple collections from Colfax Co., NM]

Eremogone

(Identification sources: _____)

Eremogone congesta (Nutt.) Ikonn. var. congesta - Dorn01, FNA
[Arenaria congesta Nutt. ex Torr. & A. Gray] - HDH
[Arenaria congesta Nutt. var. congesta] - KTZ, UTF, E/W
[Eremogone congesta (Nutt.) Ikonn.] - SF!
[Eremogone congesta (Nutt. ex Torr. & A. Gray) Ikonn.] - W&W
Eremogone congesta (Nutt.) Ikonn. var. lithophila (Rydb.) Dorn] - Dorn01, FNA
[Arenaria congesta Nutt. var. congesta] - UTF
[Arenaria congesta Nutt. var. lithophila (Rydb.) Maguire] - KTZ, E/W
[Eremogone congesta (Nutt.) Ikonn.] - SF!
Eremogone eastwoodiae (Rydb.) Ikonn. - FNA
[Arenaria eastwoodiae Rydb var adenophora Kearney & Peebles] - KTZ, W
Eremogone eastwoodiae (Rydb.) Ikonn. var. adenophora (Kearney & Peebles) R. L. Hartman & Rabeler - FNA
[Arenaria eastwoodieae Rydb. var. adenophora Kearney & Peebles] - FNA
[Arenaria fendleri A. Gray var. eastwoodiae (Rydb.) Harrington] - HDH
[Arenaria fendleri A. Gray var. eastwoodiae (Rydb.) S. L. Welsh] - UTF
[Eremogone kingii (S. Watson) Ikonn. subsp. uintahensis (A. Nelson) W. A. Weber] - SFW, W&W
Eremogone fendleri (A. Gray) Ikonn. - Dorn01, FNA, SF!
[Arenaria fendleri A Gray] - GPF
[Arenaria fendleri A Gray var. brevifolia (Maguire) Maguire] - KTZ, E/W
[Arenaria fendleri A Gray var. diffusa Porter & Coulter] - FNA
[Arenaria fendleri A Gray var. fendleri] - UTF, HDH, KTZ, UTF, E/W
[Arenaria fendleri A Gray var. porteri Rydb] - FNA
[Arenaria fendleri A Gray var. tweedyi (Rydb.) Maguire] - HDH, KTZ
Eremogone hookeri (Nutt.) W. A. Weber var. hookeri - Dorn01, FNA
[Arenaria hookeri Nutt. ex Torr. & A. Gray] - HDH
[Arenaria hookeri Nutt. subsp. desertorum (Maguire) W. A. Weber] - FNA, KTZ
[Arenaria hookeri Nutt. var. desertorum Maguire] - FNA, UTF
[Arenaria hookeri Nutt. subsp. hookeri] - KTZ
[Arenaria hookeri Nutt. ex Torr. & A. Gray var. hookeri] - GPF
[Eremogone hookeri (Nutt.) W. A. Weber] - SF!

[Eremogone hookeri (Nutt. ex Torr. & A. Gray) W. A. Weber subsp. desertorum (Maguire) W. A. Weber] - W&W
[Eremogone hookeri (Nutt. ex Torr. & A. Gray) W. A. Weber subsp. hookeri] - W&W

Eremogone hookeri (Nutt.) W. A. Weber var. pinetorum (A. Nels.) Dorn - Dorn01, FNA
[Arenaria hookeri Nutt. ex Torr. & A. Gray] - HDH
[Arenaria hookeri Nutt. ex Torr. & A Gray var. pinetorum (A Nelson) Maguire] - GPF
[Arenaria hookeri Nutt. subsp. pinetorum (A. Nelson) W. A. Weber] - KTZ
[Arenaria hookeri Nutt. var. pinetorum (A Nelson) Maguire] - E/W
[Eremogone hookeri (Nutt.) W. A Weber] - SF!
[Eremogone hookeri (Nutt. ex Torr & A. Gray) W. A Weber subsp. pinetorum (A Nelson) W. A Weber] - W&W

Eremogone kingii (S. Watson) Ikonn. var. glabrescens (S. Watson) Dorn - Dorn01
[Arenaria fendleri A. Gray var. glabrescens S. Watson] - UTF
[Arenaria kingii (S. Watson) M. E. Jones var. glabrescens (S. Watson) Maguire] - RMC, W
[Arenaria kingii (S. Watson) M. E. Jones subsp. uintahensis (A. Nelson) Maguire] - KTZ
[Arenaria uintahensis A. Nelson] - HDH
[Eremogone kingii (S. Watson) Ikonn. subsp. uintahensis (A. Nelson) W. A. Weber] - SFW, W&W

Gastrolychnis (see **Silene**)

* Gypsophila elegans M. Bieb. - FNA, GPF, KTZ, SF!, UTF, W&W, E/W
* Gypsophila paniculata L. var. paniculata - FNA, E/W
[Gypsophila paniculata L.] - Dorn01, GPF, KTZ, SF!, UTF, W&W
* Gypsophila scorzonerifolia Ser. - Dorn01, FNA, KTZ, SFE, UTF, W&W, E

* Holosetum umbellatum L. subsp. umbellatum - FNA
[Holosteum umbellatum L.] - Dorn01, GPF, KTZ, SF!, W&W, E/W
[Holosteum umbellatum L. var. umbellatum] - UTF

Loeflingia squarrosa Nutt. - FNA
[Loeflingia squarrosa Nutt.var. artemisiarum (Barneby & Twiss) Dorn] - Dorn01, KTZ

Lidia (see **Minuartia**)

Lychnis (see **Silene**)

Melandrium (see **Silene**)

Minuratia

(Identification sources: _____)

{Minuartia elegans (Cham. & Schltdl.) Schischk.} - KTZ
Minuartia macrantha (Rydb.) House - FNA, KTZ, E/W, Hartman08
[Alsinanthe macrantha (Rydb.) W. A. Weber] - SF!, W&W
[Alsinopsis macrantha Rydb.] - FNA
[Arenaria filiorum Maguire] - HDH, W&W, misapp.
[Arenaria macrantha (Rydb.) A. Nelson ex J. M. Coult. & A. Nelson] - HDH
[Arenaria rubella (Wahl.) Smith var. filifolium (Maguire) S. L. Welsh] - FNA
[Minuartia filiorum (Maguire) McNeill) - FNA
Minuratia nutallii (Pax) Briq. var. nuttallii - FNA
[Arenaria nuttallii Pax] - Dorn01, HDH rep., UTF

[Arenaria pungens Nuttall] - FNA
[Minuartia nuttallii (Pax) Briq. subsp. nuttallii] - KTZ, W
[Minuopsis nuttallii (Pax) W. A. Weber] - SFW, W&W
Minuartia obtusiloba (Rydb.) House - Dorn01, FNA, KTZ, E/W
[Alsinopsis obtusiloba Rydb] - FNA
[Arenaria obtusa Torr., non Allioni 1785] - FNA
[Arenaria obtusiloba (Rydb) Fernald] - HDH, UTF
[Arenaria sajanensis Willd] - HDH
[Lidia biflora (L.) A. Löve & D. Löve] - W&W, err. rep
[Lidia obtusiloba (Rydb) A. Löve & D Löve] - SF[1], W&W
Minuartia rubella (Wahlenb.) Hiern - Dorn01, FNA, KTZ, E/W
[Alsine rubella Wahblenb.] - FNA
[Arenaria rubella (Wahlenb.) J. E. Sm.] - GPF, HDH
[Arenaria rubella (Wahlenb.) J. E. Sm. var. rubella] - UTF
[Tryphane rubella (Wahlenb.) Rchb.] - SF!, W&W
Minuartia stricta (Sw.) Hiern - FNA, KTZ, Wolf79, E
[Alsinanthe stricta (Sw) Rchb] - SFE, W&W
[Arenaria rossii Richardson] - HDH, W&W, misapp
[Minuartia rossii (R Br. ex Richardson) Graebn] - KTZ
[Spergula stricta Sw.] - FNA

Minuopsis (see **Minuartia**)

Moehringia lateriflora (L.) Fenzl - Dorn01, FNA, KTZ, SF!, W&W, E/W
[Arenaria lateriflora L.] - GPF, HDH, UTF
Moehringia macrophylla (Hook.) Fenzl - FNA, KTZ, W
[Moehringia macrophylla (Hook.) Torr.] - SFW, W&W
[Arenaria macrophylla Hook.] - HDH, UTF

Paronychia

(Identification sources: _____)

Paronychia depressa (Torr. & A. Gray) Nutt. ex A. Nelson - FNA, KTZ
[Paronychia depressa Nutt. ex Torr. & A. Gray] - Dorn01, GPF, HDH
[Paronychia depressa Nutt. ex Torr. & A. Gray var. brevicuspis (A Nels.) Chaudhri] - FNA
[Paronychia depressa Nutt. ex Torr. & A. Gray var. diffusa (A Nels.) Chaudhri] - FNA
[Paronychia jamesii Torr. & A. Gray] - W&W
Paronychia jamesii Torr. & A. Gray - Dorn01, FNA, GPF, HDH, KTZ, SF!,W&W, E/W
[Paronychia jamesii Torr. & A. Gray var. hirsuta Chaudhri] - FNA
[Paronychia jamesii Torr. & A. Gray var. parviflora Chaudhri] - FNA
[Paronychia jamesii Torr. & A. Gray var. praelongifolia Chaudhri] - FNA
Paronychia pulvinata A. Gray - Dorn01, FNA, HDH, KTZ, SF!, W&W, E/W
[Paronychia pulvinata A. Gray var. longiaristata Chaudhri] - UTF
Paronychia sessiliflora Nutt. - Dorn01, FNA, GPF, HDH, KTZ, SF!, UTF, W&W, E/W

Pseudostellaria jamesiana (Torr.) W. A. Weber & R. L. Hartm. - Dorn01, FNA, KTZ, SF!, W&W, E/W
[Stellaria jamesiana Torr] -HDH, UTF

* {Sagina apetala Ard.} - KTZ, W&W[1]
* Sagina procumbens L. - FNA, KTZ, UTF; Crow78

Sagina saginoides (L.) H. Karst. - Dorn01, FNA, KTZ, SF!, W&W, E/W
[Sagina saginoides (L.) Britt] - HDH, UTF

Saponaria (see also **Vaccaria**)
* Saponaria officinalis L. - Dorn01, FNA, GPF, HDH, KTZ, SF!, UTF, W&W, E/W

Silene

(Identification sources: _____)

Silene acaulis (L.) Jacq. - FNA
[Silene acaulis (L.) Jacq. var. subacaulescens (F. N. Wms) Fernald & H. St John] - KTZ, UTF, E/W
[Silene acaulis L subsp. subacaulescens (F. N. Wms.) C. L. Hitchc & Maguire] - HDH, SF!
[Silene acaulis (L.) Jacq subsp subacaulescens (F. N. Wms) Fernald & H. St. John] - W&W
[Silene acaulis (l.) L. subsp. subacaulescens (F. N. Wms.) C. L. Hitchc. & Maguire] - W&W[1]
Silene antirrhina L. - Dorn01, FNA, GPF, HDH, KTZ, SF!, UTF, W&W, E/W
{* Silene conoidea L.} - KTZ
* Silene csereii Baumg. - Dorn01, FNA, GPF, KTZ, SF!, W&W, E/W
* Silene dichotoma Ehrh. subsp. dichotoma - FNA
[Silene dichotoma Ehrh.] - Dorn01, GPF, KTZ, SF!, W&W, E W
Silene drummondii Hook. subsp. drummondii - FNA
[Gastrolychnis drummondii (Hook.) A. Löve & D. Love] - SF!, W&W
[Lychnis drummondii (Hook.) S. Watson] - HDH, UTF
[Silene drummondii Hook.] - GPF
[Silene drummondii Hook. var. kruckebergii Bocquet] - KTZ
[Silene drummondii Hook. var. drummondii - KTZ, E/W
Silene drummondii Hook. subsp. striata (Rydb.) J. K. Morton - FNA
[Gastrolychnis drummondii (Hook.) A. Löve & D. Löve] - SF!, W&W
[Lychnis drummondii (Hook.) S. Watson] - HDH, SF!, UTF
[Silene drummondii Hook. var. striata (Rydb) Bocq. - KTZ, E W
{* Silene gallica L. - KTZ, SFE, W&W, E}
Silene hitchguirei Bocq. - Dorn01, FNA, E/W
[Gastrolychnis apetala (L.) Tolm. & Kozhanch. subsp. uralensis A. Löve & D. Löve] - SF!
[Gastrolychnis apetala (L.) Tolm. & Kozhanch. subsp. uralensis (Rupr.) A. Löve & D. Löve] - W&W
[Lychnis apetala L. subsp. montana (S. Watson) Maguire] - HDH
[Lychnis apetala L. var. montana (S Watson) C. L. Hitchc] - UTF
[Silene uralensis (Rupr) Bocquet subsp. montana (S Watson) McNeill] - KTZ
[Silene uralensis (Rupr) Bocquet subsp uralensis] - KTZ
Silene kingii (S. Watson) Bocq. - Dorn01, FNA, KTZ, E/W
[Gastrolychnis kingii (S Watson) W. A Weber] - SF!, W&W
[Lychnis apetala L. var. kingii (S. Watson) S. L. Welsh] - UTF
[Lychnis kingii S. Watson] - HDH
* Silene latifolia Poir. - Dorn01, FNA
[Lychnis alba Mill.] - HDH, UTF
[Melandrium dioicum (L.) Cosson & Germain] - SF!, W&W
[Silene latifolia Poir. subsp. alba (Mill.) Greuter & Burdet] - KTZ, E/W
[Silene pratensis (Rafn) Godr. & Gern.] - GPF
Silene menziesii Hook. - FNA, HDH, UTF
[Anotites alsinoides Greene] - FNA
[Anotites bakeri Greene] - FNA
[Anotites costata Greene] - FNA
[Anotites debilis Greene] - FNA
[Anotites diffusa Greene] - FNA

[Anotites dorrii (Kellogg) Greene] - FNA
[Anotites elliptica Greene] - FNA
[Anotites halophila Greene] - FNA
[Anotites latifolia Greene] - FNA
[Anotites macilenta Greene] - FNA
[Anotites menziesii (Hook.) Greene] - SF!, W&W
[Anotites nodosa Greene] - FNA
[Anotites picta Greene] - FNA
[Anotites tenerrima Greene] - FNA
[Anotites tereticaulis Greene] - FNA
[Anotites villosula Greene] - FNA
[Anotites viscosa Greene] - FNA
[Silene dorii Kellogg] - FNA
[Silene menziesii Hook. subsp dorii (Kellogg) C. L. Hitchc. & Maguire] - FNA
[Silene menziesii Hook. subsp menziesii var. menziesii] - KTZ
[Silene menziesii Hook. var. menziesii] - Dorn01, GPF, E/W
[Silene menziesii Hook. subsp menziesii var. viscosa (Greene) C. L. Hitchc & Maguire] - KTZ
[Silene menziesii Hook. var. viscosa (Greene) C. L. Hitchc. & Maguire] - Dorn01, GPF, E/W
[Silene obovata A. E. Porsild] - FNA
[Silene stellarioides Nutt. ex Torr. & A. Gray] - FNA

* Silene noctiflora L. - Dorn01, FNA, GPF, HDH, KTZ, SFE, UTF, W&W, E

Silene parryi (S. Wats.) C. L. Hitchc. & Maguire - Dorn01, FNA
[Lychnis parryi S. Wats] - FNA
[Silene douglasii (S Wats.) C. L. Hitchc. & Maguire var macounii (S. Wats.) Hooker - FNA
[Silene douglasii Hooker var macounii (S. Wats.) B. L. Robins.] - KTZ
[Silene macounii S. Wats.] - KTZ
[Silene scouleri (S. Wats.) var macounii Boivin] - KTZ
[Silene tetonensis A. Nels.] - KTZ
[Silene tetragyna Suksdorf] - FNA
[Wahlbergella parryi (Wats) Rydb] - KTZ

Silene plankii C.L. Hitchcock & Macguire - KWA, M&H, KTZ, (not rep. by JM)

Silene scaposa B. L. Rob. - FNA
[Silene scaposa var. lobata C. L. Hitchc. & Maguire] - FNA

Silene scouleri Hook. subsp. hallii (S. Watson) C. L. Hitchc. - HDH, KTZ, UTF, E/W
[Lychnis elata S Wats.] - FNA
[Silene hallii S. Wats] - FNA
[Silene concolor Greene] - FNA
[Silene scouleri Hook. var. concolor (Greene) C. L. Hitchc & Maguire] - FNA
[Silene scouleri Hook. subsp. hallii (S Watson) C. L. Hitchc. & Maguire] - SF!, W&W

Silene uralensis (Ruprecht) Bocquet subsp. uralensis - FNA
[Gastrolychnis uralensis (Rupr.) Bocquet] - FNA

* Silene vulgaris (Moench) Garcke - Dorn01, GPF, KTZ, SF!, W&W, E/W
[Behen vulgaris Moench] - FNA
[Silene cucubalus Wibel] - HDH
[Silene inflata Smith] - FNA
[Silene latifolia (Miller) Britten & Rendle var. pubescens (DC.) Farwell] - FNA

* Spergula arvensis L. - Dorn01, FNA, GPF, HDH, KTZ, SFE, W&W, E

✣{Spergularia echinosperma (Celak.) Aschers. & Graebn.} - Dorn01
{Spergularia salsuginea var. bracteata B. L. Robins.} - KTZ

✣ Spergularia salina J. Presl & C. Presl - FNA, KTZ
[Spergularia marina (L.) Griseb.] - Dorn01, GPF, HDH, SFE, UTF, W&W, E
[Spergularia tenuis Greene] - FNA

[Tissa marina (L.) Britton] - FNA

* Spergularia media (L.) C. Presl ex Griseb. - Dorn01, E, FNA
[Spergularia maritima (All) Chiov.] - KTZ
[Spergularia media (L.) C. Presl] - HDH, SFE, UTF, W&W

* Spergularia rubra (L.) J. Presl & C. Presl - Dorn01, FNA, GPF, KTZ, UTF, W&W, E/W
[Spergularia rubra (L.) Presl] - HDH, SF!

Spergulastrum (see **Arenaria**)

Stellaria

(Identification sources: _____)

Stellaria (see also **Pseudostellaria**)

Stellaria borealis Bigelow subsp. borealis - FNA, HDH, KTZ, W&W, Morton89
[NS - see FNA 5:101 for additional synonymy]
[Stellaria borealis Bigelow] - Dorn01, HDH

Stellaria calycantha (Ledeb.) Bong. - Dorn01, FNA, GPF, KTZ, SF!, W&W, Morton89, E/W
[Arenaria calycantha Ledeb] - FNA
[Alsine calycantha (Ledeb.) Rydb] - FNA
[Alsine simcoei Howell] - FNA
[Stellaria borealis Bigelow var. simcoei (Howell) Fernald] - FNA
[Sterllaria simcoei (Howell) C. L. Hitchc.] - FNA

Stellaria crassifolia Ehrh. - Dorn01, FNA, GPF, HDH, SF!, W&W, E/W
[Stellaria crassifolia Ehrh. var. crassifolia] - KTZ
[Stellaria crassifolia Ehrh. var. eriocalycina Schischkin] - FNA
[Stellaria crassifolia Ehrh. var. linearis Fenzl] - FNA
[Stellaria gracilis Richardson] - FNA

* Stellaria graminea L. - FNA, GPF, HDH, KTZ, SFE, W&W, E
[Alsine graminea (L.) Britton] - FNA

Stellaria irrigua Bunge - FNA, KTZ, SF!, W&W, E/W
[Alsine polygonoides Greene ex Rydb , 1913, non Moehringia polygonoides Mert. & W. D. J. Koch, 1813] - FNA
[NS - see comments in FNA Vol. 5, p. 107 regarding uncertainty of distinctness of Colorado material]

Stellaria longifolia Muhl. ex Willd. - Dorn01, GPF, HDH, W&W, Morton89, E/W
[Alsine longifolia (Muhl. ex Willd.) Britton] - FNA
[Stellaria atrata (J. W. Moore) B. Boivin] - FNA
[Stellaria atrata (J. W. Moore) B. Boivin var. eciliata B. Boivin] - FNA
[Stellaria diffusa Willd. ex Schlect.] - FNA
[Stellaria longifolia Torr.] - UTF
[Stellaria longifolia Muhl.] - SF!
[Stellaria longifolia Muhl. ex Willd. var. eciliata (B. Boivin) B. Boivin] - FNA
[Stellaria longifolia Muhl. ex Willd. var. longifolia] - KTZ

Stellaria longipes Goldie subsp. longipes - FNA
[NS - For many additional synonyms see KTZ or FNA 5: 108]
[Stellaria longipes Goldie var. longipes - GPF, HDH, UTF, E/W
[Stellaria longipes Goldie] - Dorn01, KTZ, SF!, W&W
[Stellaria monantha Hultén] - Dorn01, Chinappa84 & 91, E W

* Stellaria media (L.) Vill. - Dorn01, FNA, GPF, UTF, E/W
[Alsine media L.] - SF!, W&W
[Stellaria apetala Ucria ex Roem.] - FNA
[Stellaria media (L.) Cyrill.] - GPF, HDH
[Stellaria media (L.) Vill. subsp. media] - KTZ

[Stellaria media (L.) Vill. var. procera Klatt & Richter] - FNA
Stellaria obtusa Engelm. - Dorn01, FNA, HDH, KTZ, SF!, UTF, W&W, Morton89, E/W
[Alsine obtusa (Englem.) Rose] - FNA
[Alsine washingtoniana (B L. Rob.) A Heller] - FNA
[Stellaria viridula (Piper) St. John] - FNA
[Stellaria washingtoniana B L. Rob.] - FNA
Stellaria pallida (Dumortier) Crépin - FNA
[Alsine pallida Dumortier] - FNA
[Stellaria boreana Jordan] - FNA
[Stellaria media (L.) Vill. subsp. pallida (Dumortier) Ascherson & Graebner] - FNA
Stellaria umbellata Turcz. - FNA, HDH, SF!
[Stellaria umbellata Turcz. ex Karel. & Kir.] - Dorn01, KTZ, UTF, W&W, E/W

Tryphane (see **Minuartia**)

* Vaccaria hispanica (Mill.) Rauschert - Dorn01, FNA, KTZ, E/W
[Saponaria vaccaria L.] - HDH
[Vaccaria pyramidata Medicus] - GPF, SF!, UTF, W&W

Celastraceae - CEL (see also **CRO**)

Celastrus scandens L. - Dorn01, KTZ

Paxistima myrsinites (Pursh) Raf. - Dorn01, IMF, KTZ, SF!, W&W, E/W
[Pachystima myrsinites (Pursh) Raf.] - HDH, UTF

Celtidaceae (see **CAN** and **ULM**)

Ceratophyllaceae - CTP

Ceratophyllum demersum L. - Dorn01, FNA, GPF, HDH, KTZ, SF!, UTF, W&W, E/W

Chenopodiaceae (see **AMA**)

Cistaceae - CIS

Crocanthemum (see **Helianthemum**)

Helianthemum bicknellii Fernald - GPF, HDH, KTZ, E
[Crocanthemum bickenellii (Fernald) Janch.] - SFE, W&W

{Lechea intermedia Legg.} - GPF, HDH <NE>
{Lechea intermedia Legg ex Britton} - Dorn01
{Lechea intermedia Legg ex Britton var. intermedia} - KTZ <WY>

Clusiaceae - CLU

Hypericum formosum Kunth var. scouleri (Hook.) J. M. Coult. - Dorn01
[Hypericum formosum Kunth] - HDH, SF!, UTF, W&W

[Hypericum scouleri Hook. subsp. nortoniae (M. E. Jones) J. M. Gillett] - KTZ
[Hypericum formosum Kunth var. nortoniae (M. E. Jones) C. L. Hitchc.] - E/W
Hypericum formosum Kunth var. formosum - Dorn01
Hypericum majus (A. Gray) Britton - GPF, HDH, KTZ, SFE, W&W, E
*Hypericum perforatum L. - Dorn01, GPF, HDH, KTZ, SF!, W&W, E/W

Colchicaceae - CHC

Disporum trachycarpum (S. Watson) Benth. & Hook. - GPF, HDH, IMF, UTF, W&W, E/W
[Prosartes trachycarpa S. Watson] - Dorn01, FNA, KTZ, SF!, W&W[1]

Streptopus amplexifolius (L.) DC. - Dorn01, FNA, GPF, W&W[1], misapp., E/W
[NS - Vinnersten07 refers Streptopus back to a narrowly defined Liliaceae]
[Streptopus amplexifolius (L.) DC. & Lam.] - HDH
[Streptopus amplexifolius (L.) DC. var. chalazatus Fassett] - IMF, KTZ, UTF
[Streptopus fassettii A. Löve & D. Löve] - SF!, W&W

Commelinaceae - CMM

Commelina dianthifolia Delile - FNA, HDH, SF!, W&W, E/W
[Commelina dianthifolia Delile var. longispatha (Torr.) Brashier] - KTZ
Commelina erecta L. - FNA, E
[Commelina erecta L. var. angustifolia (Michx.) Fernald] - GPF, KTZ, SFE, W&W
[Commelina crispa Wooton] - HDH

Tradescantia bracteata Small - FNA, HDH, exp.
[NS - reportedly collected in Otero County in 2008 from reliable source]
[Tradescantia bracteata Small ex Britton] - KTZ <KS, NE, OK, WY>
{Tradescantia canaliculata Raf.} - HDH, exp.
{Tradescantia ohiensis Raf.} - FNA, KTZ <KS, NE, OK>
Tradescantia occidentalis (Britton) Smyth var. occidentalis - FNA, HDH, IMF, KTZ, E/W
[Tradescantia occidentalis (Britton) Smyth] - Dorn01, GPF, SF!, UTF
[Tradescantia occidentalis (Britton) Smyth var. scopulorum (Rose) E. S. Anderson & Woodson] - HDH rep., IMF, KTZ, W&W

Compositae (see **AST**)

Convallariaceae - CVL (see **LIL**)

Convolvulaceae - CNV (including **Cuscutaceae**)

(Identification sources: _____)

Calystegia macounii (Greene) Brummitt - Dorn01, GPF, KTZ, SFE, W&W, E
Calystegia sepium (L.) R. Br. var. angulata (Brummitt) N. H. Holmgren - Dorn01, IMF, E/W
[Calystegia sepium (L.) R. Br. subsp. americana (Sims) Brummitt] - KTZ, SFW
[Calystegia sepium (L.) R. Br. subsp. angulata Brummitt] - GPF, KTZ, SFE, W&W
[Convolvulus sepium L.] - HDH, UTF
[Convolvulus sepium L. var. americanus Sims] - HDH, rep.
{Calystegia silvatica (Kit.) Griseb. subsp. fraterniflora (Mack. & Bush) Brummitt} - KTZ

{Calystegia sylvatica (Kit.) Griseb. subsp. fraterniflora (Mack. & Bush) Brummitt} - GPF

Convolvulus (see also **Calystegia**)
* Convolvulus arvensis L. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Convolvulus equitans Benth. - GPF, KTZ, SFE, UTF, W&W, E
[Convolvulus incanus Vahl] - HDH
{Convolvulus hermannioides A. Gray} - HDH, rep.
{Convolvulus equitans Benth } - KTZ, W&W

Cuscuta

(Identification sources: _____)

* Cuscuta approximata Bab. var. urceolata (Kuntze) Yunck. - HDH, E/W
[Cuscuta anthemi A. Nelson] - HDH
[Cuscuta approximata Bab.] - Dorn01, KTZ, UTF
[Cuscuta approximata Bab. var. approximata] - IMF
[Cuscuta epithymum (L.) L. subsp. approximata (Bab.) Rouy] - SF!, W&W
Cuscuta californica Hook. & Arn. var. breviflora Engelm. - KTZ, W
[Cuscuta occidentalis Millspaugh] - Dorn01, HDH, IMF, UTF
[Grammica occidentalis (Millspraugh) Hadaç & Chrtek] - W&W
[Grammica occidentalis (Millspraugh) W. A. Weber] - SFW
{Cuscuta cephalanthi Engelm.}- GPF, HDH, exp., IMF, KTZ <AZ,KS,NE,NM,OK,UT>, UTF
{Grammica cephalanthi (Engelm) W. A. Weber} - W&W
{Cuscuta coryli Engelm.}- GPF, HDH, exp., KTZ <AZ, KS, NE, NM, OK>
{Grammica coryli (Engelm.) W. A. Weber} - W&W
Cuscuta cuspidata Engelm. - GPF, HDH, IMF, KTZ, UTF, E/W
[Grammica cuspidata (Engelm.) Hadaç & Chrtek] - SF!, W&W
Cuscuta denticulata Engelm. var. denticulata - KTZ, W
[Cuscuta denticulata Engelm.] - HDH, IMF, UTF
[Grammica denticulata (Engelm) W. A. Weber] - SFW, W&W
{Cuscuta gronovii Willd. ex Schult. var. gronovii} - KTZ
{Cuscuta gronovii Willd.} - GPF, HDH, rep.
{Grammica gronovii (Willd. ex Roem. & Schult.) Hadaç & Chrtek} - W&W, misapp.
{Grammica umbrosa (Hook.) W. A. Weber} - W&W
Cuscuta indecora Choisy var. indecora - KTZ, E/W
[Cuscuta indecora Choisy] - GPF, IMF, UTF
[Grammica indecora (Choisy) W. A. Weber] - SF!, W&W
Cuscuta indecora Choisy var. neuropetala (Engelm.) Hitchc. - HDH, KTZ, E
[Cuscuta indecora Choisy] - Dorn01, IMF, UTF
[Grammica indecora (Choisy) W. A. Weber var. neuropetala (Engelm.) W. A. Weber] - SFE, W&W
♦ Cuscuta fasciculata Yunker - KWA, KTZ
Cuscuta megalocarpa Rydb. - Dorn01, HDH, IMF, KTZ, UTF, W
[Cuscuta curta (Engelm.) Rydb] - GPF
[Grammica umbrosa (Hook) W. A. Weber] - SFW, W&W
Cuscuta pentagona Engelm. var. pentagona - FCF, IMF, KTZ, W
[Cuscuta campestris Yuncker] - HDH
[Cuscuta pentagona Engelm.] - GPF, HDH rep., UTF
[Cuscuta pentagona Engelm. var. calycina Engelm.] - IMF
[Grammica campestris (Yuncker) Hadaç & Chrtek] - SFW, W&W
[Grammica pentagona (Engelm.) W. A. Weber]- W&W, err. rep.
Cuscuta plattensis A. Nelson - Dorn01

Cuscuta umbellata Kunth - GPF, HDH, KTZ, E/W
[Grammica umbellata Kunth] - SFE
[Grammica umbellata (Kunth) Hadaç & Chrtek] - W&W
[Grammica umbellata (Kunth) W A. Weber] - SFW

Evolvulus nuttallianus Schult. - Dorn01, KTZ, UTF, W&W, E/W
[Evolvulus nuttallianus Roem. & Schult.] - GPF, HDH, IMF, SF!
Evolvulus sericeus Sw. var. sericeous -KWA, KTZ
[Evolvulus sericeus var. discolor (Benth.) Gray] - KTZ
[Evolvulus wilcoxianus House] - KWA

Grammica (see **Cuscuta**)

Ipomoea capillacea (Kunth) G. Don - KWA, KTZ
[Convolvulus capillaceus Kunth] - KTZ
[Ipomoea muricata Cav., non (L.) Jacq.] - KTZ, KWA
[Ipomoea patens (Gray) House] - KWA
Ipomea cristulata H. Hallier f. - KWA, KTZ
[Ipomoea hederacea (L.) Jacq.] - HDH, exp.
[Ipomoea hederacea Jacq.] - GPF, KTZ <AZ, KS, NE, NM, OK>
Ipomoea leptophylla Torr. - Dorn01, GPF, HDH, KTZ, SFE, W&W, E
{Ipomoea longifolia Benth.} - M&H, err. rep., HDH, exp., KTZ <AZ>
* Ipomoea purpurea (L.) Lam. - KWA, JM, KTZ, HDH, rep.
[Ipomoea purpurea L.] - W&W[1], rep.
[Ipomoea purpurea (L.) Roth] - GPF, KTZ <AZ, KS, NE, NM, OK, UT>

Coptaceae (see **RAN**)

Cornaceae - COR

Chamaepericlymenum (see **Cornus**)

Cornus canadensis L. var. canadensis - E/W
[Chamaepericlymenum canadense (L.) Asch. & Graebner] - SF!, W&W
[Cornus canadensis L.] - Dorn01, GPF, HDH, KTZ
Cornus sericea L. var. sericea - Dorn01, IMF, UTF, E/W
[Cornus stolonifera Michx] - GPF, HDH
[Cornus sericea L. subsp. sericea] - KTZ
[Swida sericea (L.) Holub] - SF!, W&W

Swida (see **Cornus**)

Corylaceae (see **BET**)

Crassulaceae - CRS

Amerosedum (see **Sedum**)

Clementsia (see **Sedum**)

Cockerellia (see **Sedum**)

Crassula drummondii (Torr. & A. Gray) Fedde - KTZ, E
[Crassula aquatica (L.) Schönland] - IMF, SFE, W&W
[Tillaea aquatica L.] - HDH, UTF

Rhodiola (see **Sedum**)

* Sedum acre L. - Dorn01, HDH, IMF, KTZ, SFW, W&W, W
Sedum cockerellii Britton Legler (pers. comm. 2009), HDH rep., KTZ <AZ, NM>
[NS - Legler reports one collection from Colfax Co., NM]
[Cockerellia cockerellii (Britton) A. Löve & D. Löve] - W&W, id. not possible
Sedum integrifolium (Raf.) A. Nelson - Dorn01, HDH, E/W
[Rhodiola integrifolia Raf] - SF!, W&W
[Rhodiola integrifolia Raf subsp integrifolia] - KTZ
[Rhodiola integrifolia Raf subsp procera (Clausen) Kartesz] - KTZ
[Sedum integrifolium (Raf) A. Nelson subsp. integrifolium] - RMC
[Sedum rosea (L.) Scop. var. integrifolium (Raf) A. Berger] - IMF, UTF
[Tolmachevia integrifolia (Raf) A. Löve & D. Löve] - W&W'
Sedum lanceolatum Torr. - Dorn01, GPF, IMF, UTF, E/W
[Amerosedum lanceolatum (Torr.) A. Löve & D. Love] - SF!, W&W
[Sedum lanceolatum Torr. subsp. lanceolatum] - KTZ
[Sedum lanceolatum Torr. var. lanceolatum] - RMC
[Sedum lanceolatum Torr. subsp. subalpinum (Blank.) Clausen] - KTZ
[Sedum stenopetalum Pursh] - HDH
Sedum rhodanthum A. Gray - Dorn01, HDH, IMF, KTZ, UTF, E/W
[Clementsia rhodantha (A Gray) Rose] - SF!, W&W
[Rhodiola rhodantha (A. Gray) Jacobsen] - KTZ
* Sedum spurium M. Bieb. - IMF, KTZ, UTF, W
[WJ - A population also established on East Slope in CO in Boulder canyon]
[Spathulata spuria (M. Bieb.) A. Löve & D. Löve] - SFW, W&W
{Sedum stenopetalum Pursh} - IMF, KTZ <WY>
{Amerosedum stenopetalum (Pursh) A. Löve & D. Löve} - W&W, err. rep.
{Sedum stenopetalum Pursh var. stenopetalum} - RMC

Spathulata (see **Sedum**)

Tillaea (see **Crassula**)

Crossosomataceae - CRO (see also **CEL**)

Forsellesia meionandra (Koehne) A. Heller - HDH, FCF, SFW, UTF, W&W, W
[Glossopetalon spinescens A. Gray var. meionandrum (Koehne) Trel.] - IMF, KTZ
Forsellesia planitierum Ensign - HDH, exp., SFE, W&W, E
[Glossopetalon planitierum (Ensign) H. St. John] - GPF, KTZ
{Forsellesia spinescens (A. Gray) Greene} - HDH rep., W&W, err. rep.
{Glossopetalon spinescens A. Gray var. spinescens} - KTZ <AZ, NM, OK>

Glossopetalon (see also **Forsellesia**)
Glossopetalon spinescens Gray var. meionandrum (Koehne) Trel. - Dorn01

Cruciferae (see **BRA**)

Cucurbitaceae - CUC

Cucurbita foetidissima Kunth - Dorn01, GPF, HDH, KTZ, SF!, UTF, W&W, E/W

Cyclanthera dissecta (Torr. & A. Gray) Arn. - GPF, HDH, KTZ, SFE, W&W, E

Echinocystis lobata (Michx.) Torr. & A. Gray - Dorn01, GPF, HDH, KTZ, SF!, W&W, E/W

Cuscutaceae (see **CNV**)

Cyperaceae - CYP

(Identification sources: _____)

Amphiscirpus nevadensis (S. Watson) Oteng-Yeb. - Dorn01, SF!, W&W, E/W, FNA
[Scirpus nevadensis S. Watson] - GPF, HDH, IMF, KTZ, UTF

Bolboschoenus fluviatilis (Torr.) Soják - FNA
[Bolboschoenus maritimus (L.) Palla subsp. fluviatilis (Torr.) A. Löve & D. Löve] - W&W[1]
[Schoenoplectus fluviatilis (Torr.) M. T. Strong] - KTZ
[Scirpus fluviatilis (Torr.) A. Gray] - GPF, IMF, UTF

Bolboschoenus maritimus (L.) Palla subsp. paludosus (A. Nelson) A. Löve & D. Löve - SF!, W&W, E/W
[Bulboschoenus maritimus (L.) Palla subsp. paludosus (A Nelson) T. Koyama] - FNA
[Bulboschoenus maritimus (L.) Palla var. paludosus (A. Nelson) Dorn] - Dorn01
[Schoenoplectus maritimus (L.) Lye] - KTZ
[Scirpus maritimus L.] - UTF
[Scirpus maritimus L. var. paludosus (A. Nelson) Kük.] - GPF, IMF
[Scirpus paludosus A Nelson] - HDH

Carex

(Identification sources: _____)

Carex albonigra Mack. - Dorn01, IMF, KTZ, SF!, UTF, FNA, E/W
[Carex albo-nigra Mack.] - HDH, W&W
Carex aquatilis Wahlenb. var. aquatilis - KTZ, FNA, E/W
[Carex aquatilis Wahlenb.] - Dorn01, HDH, IMF, SF!, UTF
[Carex aquatilis Wahlenb. var. altior (Rydb.) Fernald] - GPF
[Carex aquatilis Wahlenb. subsp. aquatilis] - W&W
Carex aquatilis Wahlenb. var. stans (Drejer) Boott - KTZ, E
[Carex aquatilis Wahlenb. subsp. stans (Drejer) Hultén] - SFE, W&W
[Carex aquatilis Wahlenb. var. minor Boott] - FNA
Carex arapahoensis Clokey - HDH, IMF, KTZ, FNA, SF!, UTF, W&W, E/W
Carex atherodes Spreng. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Carex athrostachya Olney - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Carex atrata L. var. chalciolepis (Holm) Kük. - Dorn01, IMF, E/W
[Carex chalciolepis Holm] - HDH, SF!, W&W
[Carex heteroneura Boott var. chalciolepis (Holm) F. J. Herm] - KTZ, UTF
Carex atrata L. var. erecta Boot - Dorn01, IMF, E/W
[Carex atrata L.] - HDH, SF!, W&W
[Carex epapillosa Mack] - SF!, W&W, FNA
[Carex heteroneura Boott] - FNA
[Carex heteroneura Boott var. epapillosa F. J. Herm.] - UTF
[Carex heteroneura Boott var. epapillosa (Mack.) F. J. Herm.] - KTZ
Carex atrosquama Mack. - KTZ, SF!, UTF, FNA, W&W, E/W
Carex aurea Nutt. - Dorn01, GPF, HDH, IMF, KTZ, FNA, SF!, UTF, W&W, E/W
Carex backii Boott var. backii - E, Saarela01
[Carex backii Boott] - Dorn01, GPF, IMF, KTZ, SFE, UTF, W&W, FNA
Carex bebbii (L. H. Bailey) Fernald - GPF, SFE, W&W, E/W
[Carex bebbii Olney] - SFW
[Carex bebbii (L. H. Bailey) Olney ex Fernald] - Dorn01, FNA
[Carex bebbii Olney ex Fernald] - HDH, IMF, KTZ, UTF
Carex bella L. H. Bailey - GPF, HDH, IMF, KTZ, FNA,SF!, UTF, W&W, E/W
Carex bipartita All. - Dorn01, IMF, UTF, E/W
[Carex lachenalii Schkuhr] - KTZ, SF!, W&W, FNA
Carex brevior (Dewey) Mack. ex Lunell - Dorn01, GPF, HDH, FNA, IMF, E
[Carex brevior (Dewey) Mack.] - KTZ, SFE, W&W
Carex breweri Boott var. paddoensis (Suksd.) Cronquist - Dorn01, IMF, UTF, E/W
[Carex engelmannii L. H. Bailey] - HDH, KTZ, SF!, W&W, FNA
Carex brunnescens (Pers.) Poir. subsp. brunnescens - FNA
[Carex brunnescens (Pers.) Poir. subsp. sphaerostachya (Tuck) Kalela] - FNA, KTZ, E/W
[Carex brunnescens (Pers.) Poir.] - Dorn01, GPF, HDH, IMF, SF!, UTF, W&W
Carex buxbaumii Wahlenb. - GPF, HDH, IMF,KTZ, FNA, SF!, UTF, W&W, E/W
Carex canescens L. var. canescens - E/W
[Carex canescens L.] - Dorn01, HDH, IMF, SF!, UTF, W&W
[Carex canescens L. subsp. canescens] - KTZ, FNA
Carex capillaris L. - Dorn01, HDH, IMF, KTZ, SF!, UTF, FNA, W&W, E/W
[Carex capillaris L. var. elongata Olney] - GPF
Carex capitata L. var. arctogena (H. Sm.) Hultén - E/W
[Carex capitata L. subsp. arctogena (H. Sm.) Hiitonen] - KTZ
[Carex capitata L.] - Dorn01, HDH, exp., IMF, UTF, FNA
[Carex capitata L. subsp. arctogena (H. Sm.) Böcher] - SF!, W&W
Carex concinna R. Br. - Dorn01, GPF, HDH, KTZ, FNA, SF!, W&W, E/W
Carex conoidea Willd.
[NS - confirmed from S Popovich based on det. by T. Reznicek; vouchers at COLO, CS, KHD, MICH, RM]
[Carex katahdinensis Fernald] - FNA
Carex cordillerana Saarela and B. A. Ford - Saarela01
Carex crawei Dewey - Dorn01, GPF, IMF, KTZ, FNA, SFE, UTF, W&W, E
Carex deweyana Schwein. var. bolanderi (Olney) Boott - IMF, UTF
[NS - needs cofirmation from SRMF region in NM]
[Carex bolanderi Olney] - KTZ <AZ, NM, UT, WY>, FNA
Carex deweyana Schwein. var. deweyana - Hartman06, IMF, KTZ, FNA, E/W
[Carex deweyana Schwein] - GPF, HDH, SF!, W&W
Carex diandra Schrank - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Carex disperma Dewey - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Carex douglasii Boott - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Carex ebenea Rydb. - HDH, IMF, FNA, KTZ, SF!, UTF, W&W, E/W

Carex echinata Murray subsp. echinata - FNA, KTZ, E/W
[Carex angustior Mack] - HDH, SF!, W&W
[Carex echinata Murray] - Dorn01, W&W
[Carex muricata L.] - IMF, UTF
Carex egglestonii Mack. - Dorn01, HDH, IMF, KTZ, FNA, SF!, UTF, W&W, E/W
Carex elynoides Holm - Dorn01, HDH, IMF, KTZ, FNA, SF!, UTF, W&W, E/W
Carex emoryi Dewey - Dorn01, GPF, HDH, KTZ, FNA, SF!, W&W, E/W
Carex exsiccata L. H. Bailey - KTZ, SF!, W&W, FNA, E/W
[Carex vesicaria L. var. vesicaria] - IMF, UTF
{Carex festucacea Schkuhr ex Willd.} - KTZ <KS, OK>, FNA, W&W[1], misid.
{Carex festucacea Schkuhr} - GPF, W&W
Carex filifolia Nutt. - Dorn01, GPF, HDH, IMF, KTZ, FNA, SF!, UTF, W&W, E/W
{Carex foenea Willd. var. foenea} - E/W
{NS - name has been misapplied to our material, see FNA p. 307 for this and var. tuberculata}
{Carex siccata Dewey} - HDH, IMF, KTZ, UTF
{Carex foenea Willd } - Dorn01, GPF, SF!, W&W
{Carex foenea Willd. var. tuberculata F. J. Herm.} - PLS
{Carex foenea Willd } - GPF, W&W
{Carex siccata Dewey} - IMF, KTZ, UTF
Carex foetida All. var. vernacula (L. H. Bailey) Kük. - Dorn01, IMF, UTF, E/W
[Carex vernacula L. H. Bailey] - HDH, KTZ, SF!, W&W, FNA
{Carex garberi Fernald} - KTZ <WY>, FNA
{Carex aurea Nutt.} - IMF, UTF
Carex geyeri Boott - Dorn01, HDH, IMF, KTZ, FNA, SF!, UTF, W&W, E/W
{Carex gravida L. H. Bailey var. gravida} - GPF, KTZ
{Carex gravida L. H. Bailey} - FNA
Carex gravida L. H. Bailey var. lunelliana (Mack.) F. J. Herm. - GPF, HDH, KTZ, SFE, W&W, FNA, E
[Carex gravida L. H. Bailey] - FNA
Carex gynocrates Wormsk. ex Drejer - Dorn01, FNA, HDH, KTZ, E/W
[Carex dioica L. subsp. gynocrates (Wormskiold) Hultén] - SF!, W&W
[Carex dioica L. var. gynocrates (Wormskiold) Ostenf] - IMF, UTF
Carex hassei L. H. Bailey - FNA <CO?>, HDH, KTZ <NM, UT>, SF!, W&W, E/W
[Carex aurea Nutt.] - IMF, UTF
Carex haydeniana Olney - Dorn01, HDH, IMF, FNA, KTZ, SF!, UTF, W&W, E/W
{Carex heteroneura W. Boott var. brevisquama F. J. Herm., publ. without Latin desc. or typification} - KTZ
{Carex atrata L.} - IMF, SF!
{Carex atrata L. var. erecta Boott} - RMC
Carex hoodii Boott - Dorn01, GPF, HDH, IMF, KTZ, FNA, SF!, UTF, W&W, E/W
Carex hystricina Muhl. ex Willd. - Dorn01, GPF, FNA, HDH, IMF, KTZ, UTF, W&W, E/W
[Carex hystricina Muhl.] - SF!
Carex illota L. H. Bailey - Dorn01, HDH, IMF, KTZ, FNA, SF!, UTF, W&W, E/W
Carex incurviformis Mack. var. danaensis (Stacey) F. J. Herm. - Dorn01, KTZ
[Carex incurviformis Mack.] - FNA
Carex interior L. H. Bailey - Dorn01, GPF, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E W
[Carex scirpoides Schkuhr ex Willdenow] - FNA
Carex jonesii L. H. Bailey - Dorn01, HDH, IMF, KTZ, FNA, SF!, UTF, W&W, E/W
Carex laeviculmis Meinsh. - KTZ, FNA, SF!, W&W, E/W
Carex lanuginosa Michx. - GPF, HDH, IMF, SF!, UTF, W&W, E/W
[Carex pellita Muhl. ex Willd.] - Dorn01, KTZ

[Carex lasiocarpa Ehrh.] - FNA
Carex lasiocarpa Ehrh. - Dorn01, FNA, SFE, UTF, W&W, E
[Carex lasiocarpa Ehrh. var americana Fernald] - GPF, KTZ
Carex lenticularis Michx. var. pallida (Boott) Dorn - Dorn01, E/W
[Carex kelloggii Boott] - HDH
[Carex lenticularis Michx] - UTF
[Carex lenticularis Michx. var lenticularis] - IMF
[Carex lenticularis Michx. var lipocarpa (Holm) L. A. Standl] - FNA, KTZ, SF!, W&W
Carex leporinella Mack. - FCF, FNA
Carex leptalea Wahlenb. subsp. leptalea - KTZ, E/W
[Carex leptalea Wahlenb] - Dorn01, GPF, FNA, HDH, IMF, SF!, UTF, W&W
Carex leptopoda Mack. - KTZ, FNA
[Carex deweyana Schwein. var. leptopoda (Mack.) Boivin] - PLS
[Carex deweyana Schwein.] - SF!
[Carex deweyana Schwein. var. bolanderi (Olney) W. Boott] - UTF
[Carex deweyana Schwein subsp leptopoda (Mack) Calder & Taylor] - IMF
Carex limosa L. - Dorn01, FNA, GPF, HDH rep., IMF, KTZ, SF!, UTF, W&W, E/W
Carex livida (Wahlenb.) Willd. var. radicaulis Paine - KTZ, FNA, E
[Carex livida (Wahlenb.) Willd.] - SFE, W&W
Carex macloviana D'Urville - Dorn01, FNA, SF!, W&W, E/W
[Carex subfusca W. Boott] - KTZ
Carex maritima Gunn. - KTZ, SF!, W&W, FNA <Canada>, E/W
Carex microglochin Wahlenb. - Dorn01, HDH, KTZ, SF!, UTF, W&W, E/W
[Carex microglochin Wahlenb. subsp. microglochin] - FNA
Carex microptera Mack. var. limnophila (F. J. Herm.) Dorn - Dorn01, E/W
[Carex limnophila F. J Herm] - IMF, SF!, UTF, W&W
[Carex microptera Mack.] - KTZ, FNA
Carex microptera Mack. var. microptera - E/W
[Carex festivella Mack.] - HDH, SF!, W&W
[Carex microptera Mack.]- GPF, IMF, FNA, KTZ, SF!, UTF, W&W
Carex misandra R. Br. - Dorn01, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
[Carex fuliginosa Schkuhr] - FNA
Carex molesta Mack. ex Bright - KTZ, E
[Carex molesta Mack] - GPF, SFE, W&W
Carex nardina Fr. var. hepburnii (W. Boott) Kük. - KTZ, E/W
[Carex hepburnii Boott] - HDH, W&W[1]
[Carex nardina Fr.] - Dorn01, IMF, UTF, FNA
[Carex nardina Fr. subsp. hepburnii (Boott) A. Löve & D. Löve] - SF!, W&W
Carex nebrascensis Dewey - Dorn01, FNA, IMF, KTZ, SF!, UTF, W&W, E/W
[Carex nebraskensis Dewey] - GPF, HDH
Carex nelsonii Mack. - Dorn01, HDH, KTZ, FNA, SF!, UTF, W&W, E/W
[Carex estesiana Kelso] - FNA
[Carex nova L. H. Bailey] - Dorn01 (as distinct form C nelsonii), IMF
Carex neurophora Mack. - Dorn01, HDH, FNA, IMF, KTZ, SF!, UTF, W&W, E/W
Carex nigricans C. A. Mey. - Dorn01, HDH, FNA, IMF, KTZ, SF!, UTF, W&W, E/W
{Carex norvegica Retz. var. norvegica} - KTZ, FNA <eastern Canada>, W
{Carex norvegica Retz. subsp norvegica} - SFW, W&W
Carex norvegica Retz. var. stevenii (Holm) Dorn - Dorn01, E/W
[Carex media R. Br. var. stevenii (Holm) Fernald] - HDH
[Carex norvegica Retz.] - IMF, UTF
[Carex norvegica Retz. subsp. stevenii (Holm) E. Murray] - KTZ
[Carex norvegica Retz. subsp. stevenii (Holm) D. Murray] - SF!, W&W

[Carex stevenii (Holm) Kalela] - W&W[1], FNA
Carex nova L. H. Bailey var. nova - E/W
[Carex nova L. H. Bailey] - Dorn01, HDH, IMF, KTZ, FNA, SF!, UTF, W&W[1]
[Carex nova A. Nelson] - W&W
Carex nova L. H. Bailey var. pelocarpa (F. J. Herm.) Dorn - Dorn01, E/W
[Carex pelocarpa F. J. Herm.] - KTZ, SF!, W&W, FNA
[Carex nova L. H. Bailey] - IMF, UTF
Carex obtusata Lilj. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Carex occidentalis L. H. Bailey - Dorn01, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Carex oederi Retz. var. recterostrata (L. H. Bailey) Dorn - E/W
[Carex oederi Retz] - IMF
[Carex oederi Retz. var. viridula (Michx) Kük] - see IMF, UTF
[Carex viridula Michx.] - Dorn01, GPF, HDH, SF!, W&W
[Carex viridula Michx. subsp. viridula] - KTZ, FNA
Carex oreocharis Holm - Dorn01, HDH, FNA, KTZ, SFE, W&W, E
[NS - a "regional endemic" of CO and WY, including parts of UT]
Carex pachystachya Cham. ex Steud. - Dorn01, FNA,HDH, IMF, KTZ, UTF, W&W, E/W
[Carex pachystachya Cham] - SF!
Carex parryana Dewey var. parryana - Dorn01, KTZ
[Carex parryana Dewey] - GPF, IMF, UTF, FNA
[Carex parryana Dewey subsp. parryana] - W&W
Carex parryana Dewey var. unica L. H. Bailey - Dorn01, E/W
[Carex hallii Olney] - GPF, HDH, KTZ, FNA
[Carex parryana Dewey] - IMF, UTF
[Carex parryana Dewey subsp. hallii D. F. Murray] - SFW
[Carex parryana Dewey subsp. hallii (Olney) D. F. Murray] - SF!, W&W
Carex paupercula Michx. - Dorn01, HDH, IMF, UTF, E/W
[Carex magellanica Lam. subsp. irrigua (Sm.) Hultén] - W&W
[Carex magellanica Lam. subsp. irrigua (Wahlenb) Hiitonen] - FNA
[Carex magellanica Lam. subsp. irrigua (Wahlenb.) Hultén] - KTZ, SF!
Carex paysonis Clokey - Dorn01, FNA
[Carex podocarpa var. paysonis (Clokey) Boivin] - KTZ
[Carex tolmei auct. non Boott] - KTZ
Carex peckii Howe - FNA, GPF, KTZ, SFE, W&W, E
Carex pensylvanica Lam. var. digyna Boeck. - Dorn01, E/W
[Carex heliophila Mack.] - GPF, HDH
[Carex inops L. H. Bailey subsp. heliophila (Mack) Crins] - KTZ, FNA
[Carex pensylvanica Lam subsp. heliophila (Mack) W. A. Weber] - SF!, W&W
Carex perglobosa Mack. - HDH, IMF, FNA, KTZ, SF!, UTF, W&W, E/W
Carex petasata Dewey - Dorn01, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Carex phaeocephala Piper - Dorn01, HDH, FNA, IMF, KTZ, SF!, UTF, W&W, E/W
Carex pityophila Mack. - HDH, FNA, KTZ, E/W
[Carex geophila Mack] - IMF, KTZ, SF!, UTF, W&W
Carex praeceptorum Mack. - Dorn01, IMF, FNA, SF!, UTF, W&W, E/W
[Carex praeceptorium Mack.] - HDH, KTZ
Carex praegracilis Boott - Dorn01, FNA GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Carex praticola Rydb. - Dorn01, GPF, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Carex pyrenaica Wahlenb. subsp. pyrenaica - KTZ, E/W
[Carex crandallii Gand.] - SF!, W&W
[Carex pyrenaica Wahlenb.] - Dorn01, HDH, IMF, UTF, W&W[1], misapp.
[Carex micropoda C. A. Meyer] - FNA
Carex raynoldsii Dewey - Dorn01, HDH, IMF, FNA, KTZ, SF!, UTF, W&W, E/W

Carex retrorsa Schwein. - GPF, FNA, HDH, IMF, KTZ, SFW, UTF, W&W, W
Carex rosea Schkuhr ex Willd. - Hartman06
Carex rossii Boott - Dorn01, HDH, IMF, FNA, KTZ, SF!, UTF, W&W, E/W
[Carex brevipes Boott] - SF!, W&W
[Carex rossii Boott ex Hook.] - GPF
{Carex rostrata Stokes} - see C. utriculata
Carex rupestris All. - Dorn01, FNA, IMF, UTF, E/W
[Carex drummondiana Dewey] - HDH
[Carex rupestris All subsp drummondiana (Dewey) Holub] - SF!,W&W
[Carex rupestris All. var. drummondiana (Dewey) L. H. Bailey] - KTZ
Carex sartwellii Dewey - Dorn01, FNA, GPF, HDH, SF!, W&W, E/W
[Carex sartwellii Dewey var sartwellii] - KTZ
Carex saxatilis L. - Dorn01, IMF, FNA, KTZ, UTF, E/W
[Carex physocarpa C. Presl] - HDH
[Carex X physocarpioides Lepage] - KTZ
[Carex saxatilis X C. utriculata] - KTZ
[Carex saxatilis L. subsp. laxa (Trautv.) Kalela] - SF!, W&W
[Carex saxatilis L. var. major Olney] - see IMF
Carex saximontana Mack. - Dorn01, Sarrela01, FNA
[Carex backii Boott var subrostrata (Bates) Dorn] - E
[Carex backii Boott] - IMF, KTZ, UTF, FNA
[Carex saximontana Mack.] - GPF, HDH, KTZ, SFE, W&W, FNA
Carex scirpoidea Michx. var. pseudoscirpoidea (Rydb.) Cronquist - Dorn01, IMF, UTF, E/W
[Carex pseudoscirpoidea Rydb.] - HDH, W&W
[Carex scirpoidea Michx. subsp. pseudoscirpoidea (Rydb.) Dunlop] - FNA, KTZ, SF!, W&W[1]
Carex scirpoidea Michx. var. scirpiformis (Mack.) O'Neill & Duman - Dorn01, FNA
[Carex scirpoidea Michx.] - GPF
[Carex scirpoidea Michx. subsp. scirpoidea] - KTZ
Carex scirpoidea Michx. var. scirpoidea - Dorn01, E/W
[Carex scirpoidea Michx] - SF!, W&W
[Carex scirpoidea Michx subsp. scirpoidea] - KTZ, FNA
Carex scoparia Schkuhr ex Willd. var. scoparia - KTZ, FNA, E
[Carex scoparia Schkuhr] - SFE, UTF
[Carex scoparia Schkuhr ex Willd.] - GPF, HDH, W&W
Carex scopulorum Holm - Dorn01, HDH, FNA, IMF, SF!, UTF, W&W, E/W
[Carex bigelowii Torr. ex Schwein.] - HDH, KTZ, W&W, misapp.
[Carex chimaphila Holm] - HDH
[Carex gymnoclada Holm] - HDH
[Carex scopulorum Holm var. bracteosa (L. H Bailey) F. J. Herm.] - KTZ
[Carex scopulorum Holm var. scopulorum - KTZ
Carex siccata Dewey - FNA, HDH, IMF, KTZ, UTF
[Carex foenea Willd var foenea] - E/W
[Carex foenea Willd.] - GPF, SF!, W&W
[Carex foenea Willd.] - GPF, W&W
[Carex siccata Dewey] - IMF, KTZ, UTF
Carex simulata Mack. - Dorn01, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Carex sprengelii Dewey ex Spreng. - Dorn01, FNA, GPF, HDH, KTZ, W&W, E/W
[Carex sprengelii Dewey] - SF!
Carex stenophylla Wahlenb. - Dorn01, IMF, UTF, E/W
[Carex duriuscula C. A. Mey] - KTZ, FNA
[Carex eleocharis L. H. Bailey] - GPF, HDH
[Carex stenophylla Wahlenb. subsp. eleocharis (L. H. Bailey) Hultén] - SF!, W&W
Carex stenoptila F. J. Herm. - Dorn01, HDH, FNA, KTZ, SF!, W&W, E/W

Carex stipata Muhl. ex Willd. var. stipata - FNA, IMF, KTZ, E/W
[Carex stipata Muhl.] - GPF, SF!
[Carex stipata Muhl. ex Willd] - Dorn01, HDH, W&W
[Carex stipata Muhl. var. stipata] - UTF
Carex stricta - Dorn01
✣ Carex sychnocephala J. Carey - FNA, GPF, KTZ, SFE, W&W, E
[WJ - possibly a disjunct vs. adventive]
Carex tahoensis Smiley - KTZ, FNA
Carex tenera Dewey - WY Checklist
[Carex tenera Dewey var. echinodes (Fern.) Wieg.] - KTZ
[Carex tenera Dewey var. tenera] - FNA
Carex tenuiflora Wahlenb. - KTZ, FNA, SFE, W&W, E
Carex torreyi Tuck. - FNA, GPF, HDH, KTZ, SFE, W&W, E
Carex utriculata Boott - Dorn01, FNA, KTZ, SF!, W&W, E/W
[Carex rostrata Stokes] - HDH, W&W, misapp
[Carex rostrata Stokes var. rostrata] - RMC
[Carex rostrata Stokes ex With.] - IMF, UTF
[Carex rostrata Stokes ex Willd.] - GPF
Carex vallicola Dewey var. vallicola - KTZ, E/W
[Carex vallicola Dewey] - Donr01, FNA, GPF, HDH, IMF, SF!, UTF, W&W
✣ Carex vesicaria L. var. vesicaria - IMF, KTZ, UTF, E/W
[Carex vesicaria L.] - Dorn01, HDH, SF!, W&W, FNA
[Carex vesicaria L. monile (Tuck.) Fernald] - GPF
Carex vulpinoidea Michx. - Dorn01, FNA, GPF, HDH, IMF, SF!, W&W, E/W
[Carex vulpinoidea Michx. var. vulpinoidea] - KTZ
Carex xerantica L. H. Bailey - Dorn01, FNA,GPF, HDH, IMF, SF!,UTF, W&W, E/W

Cyperus acuminatus Torr. & Hook. ex Torr. - Dorn01, KTZ, E
[Cyperus acuminatus Torr. & Hook.] - GPF, HDH, IMF, SFE, UTF, W&W, FNA
Cyperus aristatus Rottb. var. aristatus - E/W
[Cyperus aristatus Rottb.] - GPF, HDH, IMF, SF!, UTF, W&W
[Cyperus squarrosus L.] - Dorn01, KTZ, FNA
{Cyperus diandrus Torr.} - GPF, HDH rep., KTZ <NE>, FNA <NE>, W&W[1], no specimens
Cyperus engelmannii Steud. - GPF, Castilleja 23(4): 6 (2004)
✣ Cyperus erythrorhizos Muhl. - Dorn01, FNA, GPF, HDH, exp., IMF, KTZ, SF!, UTF, W&W, E/W
✣ {Cyperus esculentus L. var. esculentus} - KTZ, FNA, E
{Cyperus esculentus L.} - GPF, HDH, IMF, SFE, UTF, W&W
✣ Cyperus esculentus L. var. leptostachys Boeck. - KTZ, FNA
Cyperus fendlerianus Boeckl. - HDH, FNA, KTZ, E/W
[Chlorocyperus fendlerianus (Boeckeler) Palla] - FNA
[Mariscus fendlerianus (Böckl) T. Koyama] - SF!, W&W
Cyperus lupulinus (Spreng.) Marcks var. lupulinus - E
[Cyperus filiculmis Vahl] - HDH
[Cyperus lupulinus (Spreng) Marcks subsp. lupulinus] - FNA, GPF, KTZ
[Mariscus filiculmis (Vahl) T. Koyama] - SFE, W&W
✣ Cyperus odoratus L. - GPF, KTZ, FNA, SF!, W&W, E/W
[Cyperus odoratus L. var. squarrosus (Britton) S. D. Jones] - KTZ
Cyperus rivularis Kunth - GPF, HDH, SFE, UTF, W&W, E
[Cyperus rivularis Kunth var. rivularis] - IMF
[Cyperus bipartitus Torr.] - Dorn01, KTZ, FNA
Cyperus schweinitzii Torr. - Dorn01, GPF, FNA, HDH, IMF, KTZ, UTF, E

[Mariscus schweinitzii (Torr.) T. Koyama] - SFE, W&W

Cyperus strigosus L. -FNA, GPF, HDH exp., IMF,KTZ, UTF

[Cyperus hansenii Britton] - FNA
[Cyperus strigosus var hansenii (Britton) Kükenthal] - FNA
[Cyperus strigosus var stenolepis (Torrey) Kükenthal] - FNA
[Mariscus tenolepis (Torrey) C. B. Clarke] - FNA
[Mariscus strigosus (L.) C. B Clarke] -FNA

Eleocharis

[NS - FNA took the continent-wide perspective but knowledge of our material would benefit from a dissertation level study of the genus regionally]

(Identification sources: _____)

Eleocharis acicularis (L.) Roem. & Schult. - Dorn01, GPF, FNA,HDH, KTZ, SF!, W&W, E/W

Eleocharis atropurpurea (Retz.) J. Presl & C. Presl - KTZ, FNA, E

[Eleocharis atropurpurea (Retz.) Kunth] - GPF, HDH, rep.
[Eleocharis atropurpurea (Retz.) C. Presl] - SFE, W&W

Eleocharis bolanderi A. Gray - HDH, IMF, FNA, KTZ, SF!, UTF, W&W, E/W

Eleocharis compressa Sull. - FNA, GPF, KTZ, E

[Eleocharis elliptica Kunth var compressa (Sull) Drapalik & Mohlenb] - SFE, W&W

Eleocharis elliptica Kunth - FNA

[Eleocharis capitata (L.) R. Brown var. borealis Svens.] - FNA, KTZ
[Eleocharis compressa Sullivant var. borealis Drepalik & Mohlenbrock] - FNA, KTZ
[Eleocharis tenuis var. borealis (Svens.) Gleason] - Dorn01, FNA, KTZ

Eleocharis engelmannii Steud. - FNA, KTZ, E

[Eleocharis engelmannii Steud. var. detonsa A. Gray] - FNA
[Eleocharis engelmannii Steud. var. monticola (Fernald) Svenson] - HDH
[Eleochlaris monticola Fernald] - FNA
[Eleocharis monticola Fernald var. leviseta Fernald] - FNA
[Eleocharis obtusa (Willd) Schult. var. detonsa (A. Gray) Drapalik & Mohlenb.] - SFE, W&W
[Eleocharis obtusa (Willd) Schult. var. ovata (Roth) Drapalik & Mohlenb.] - GPF
[Eleocharis ovata (Roth) Roem. & Schult.] - IMF, UTF
[Eleochars ovata (Roth) Roem. & Schult var detnosa (A Gray) Mohlenbrock] - FNA

Eleocharis erythropoda Steud. - FNA, GPF, KTZ<KS, NE, OK>, W&W[1]

[Eleocharis palustris (L.) Roem. & Schult.] - Dorn01, IMF

Eleocharis macrostachya Britt. in J. K. Small - FNA

[Eleocharis perlonga Fernald & Brackett] - FNA
[Eleocharis xyridiformis Fernald & Brackett]- FNA

Eleocharis montevidensis Kunth - FNA <NM>, GPF, HDH rep., KTZ, SF!, W&W, E/W

Eleocharis obtusa (Willd) Schult. - HDH, FNA, KTZ

[Eleocharis obtusa (Willd) Schult. var. obtusa] - GPF, W&W, W&W[1]
[Eleocharis ovata (Roth) Roem. & Schult.] - Dorn01, IMF

Eleocharis palustris (L.) Roem. & Schult. - FNA, IMF, KTZ, SF!, UTF, W&W, W&W[1], E/W

[Eleocharis macrostachya Britton] - GPF, HDH, KTZ, W&W[1]

Eleocharis parvula (Roem. & Schult.) Link ex Bluff & Fingerh. - UTF, E

[Eleocharis coloradoensis (Britton) Gilley] - FNA
[Eleocharis parvula (Roem & Schult) Link ex Bluff, Nees & Schauer] - KTZ, W&W
[Eleocharis parvula (Roem & Schult) Link var. anachaeta (Torr.) Svenson] - SFE
[Eleocharis parvula (Roem. & Schult.) Link ex Bluff & Fingerh. var. anachaeta (Torr) Svenson] - Dorn01, IMF
[Eleocharis parvula (Roem & Schult) Boff & Fingerbr. var. anachaeta (Torr) Svenson] - GPF
[Eleocharis parvula (Roem & Schult) Link ex Bluff var anachaeta (Torr.) Svenson] - HDH
[Eleocharis parvula (Roem. & Schult) Link var. anachaeta (Torr.) Svenson] - W&W[1]

Eleocharis pauciflora (Lightf.) Link - GPF, HDH, IMF, UTF, E/W
[Eleocharis quinqueflora (Hartmann) Schwarz] - Dorn01, FNA, KTZ, SF!, W&W
Eleocharis rostellata (Torr.) Torr. - Dorn01, FNA, GPF, IMF, KTZ, SF!, UTF, E/W
[Eleocharis rostellata Torr.] - HDH, W&W
Eleocharis suksdorfiana Beauverd - FNA
Eleocharis wolfii (A. Gray) A. Gray ex Britton - FNA, KTZ, W&W[1]
[Eleocharis wolfii (A. Gray) Patt.] - GPF
[Eleocharis wolfii A. Gray] - HDH rep., W&W
Eleocharis xyridiformis (Fernald) Brackett - GPF, W&W[1]
[Eleocharis macrostachya Britton] - KTZ, FNA
[Eleocharis palustris (L.) Roem. & Schult.] - IMF

Eriophorum angustifolium Honck. - Dorn01, SF!, W&W, FNA
[Eriophorum angustifolium Roth] - HDH
[Eriophorum angustifolium Honck. subsp. scabriusculum Hultén] - KTZ
[Eriophorum polystachion L. - GPF, IMF, UTF, E/W, FNA [rejected name]
Eriophorum chamissonis C. A. Mey. - Dorn01, FNA, GPF, HDH, KTZ, W&W
[Eriophorum altaicum Meinsh. var. neogaeum Raymond sensu FNA.]
Eriophorum gracile W. D. J. Koch var. gracile - Dorn01, KTZ, FNA, E/W
[Eriophorum gracile W. D. J. Koch] - GPF, HDH, SF!, W&W
Eriophorum scheuchzeri Hoppe - IMF, FNA, KTZ, UTF, W&W err. rep., E/W
[Eriophorum altaicum Meinsh. var. neogaeum Raymond misapp. in SFW and in 7 specimens of *E. scheuchzeri* at RM annotated as *E. altaicum* by W. A. Weber in 1991] - KTZ, SF!, W&W
Eriophorum viridicarinatum (Engelm.) Fernald - FNA, GPF, KTZ

Hemicarpa (see **Lipocarpa**)

Fimbristylis puberula (Michx.) Vahl var. interior (Britton) Kral - FNA <NM>, GPF, see IMF, KTZ, W&W, E
[Fimbristylis puberula (Michx.) Vahl] - SFE, HDH
[Fimbristylis spadicea (L.) Vahl] - IMF, UTF

Kobresia bellardii (All.) Degland - HDH, IMF, UTF, E/W
[Kobresia myosuroides (Vill.) Fiori] - KTZ, FNA
[Kobresia myosuroides (Vill.) Fiori & Paoli] - SF!, W&W
Kobresia sibirica Turcz. - (E/W
[Kobresia bellardii (All.) Degland var. macrocarpa (Clokey) Harrington] - HDH
[Kobresia schoenoides (C. A. Mey.) Steud.] - SF!, W&W
[Kobresia sibirica (Turcz. ex Ledeb.) Boeckl.] - KTZ, FNA
Kobresia simpliciuscula (Wahlenb.) Mack. - IMF, FNA, KTZ, SF!, UTF, W&W, E/W

Lipocarpha aristulata (Coville) G. C. Tucker - KTZ, E
[Hemicarpha micrantha (Vahl) Britton] - GPF, IMF
[Hemicarpha micrantha Pax var. aristulata Coville] - HDH, W&W
[Hemicarpha micrantha (Vahl) Britton var. aristulata Coville] - see IMF, UTF
[Hemicarpha micrantha (Vahl) Pax var. aristulata Coville] - SFE, W&W[1]
Lipocarpha drummondii (Nees) G. Tucker - Dorn01, KTZ, FNA
[NS: reported by KTZ and WY checklist for WY; for our region only in NM fide FNA 23: 196]
[Hemicarpha drummondii Nees] - KTZ, FNA
[Hemicarpha micrantha var. drummondii (Nees) Friedland] - KTZ
[Scirpus micranthus var. drummondii (Nees) Mohlenbrock] - KTZ

Mariscus (see **Cyperus**)

Rhynchospora alba (L.) Vahl - *J. Lemly et al. 1811* (at COLO)
[NS - collected in fen from La Plata County, J. Lemley {pers. comm. 2008}]

Schoenoplectus acutus (Muhl. ex Bigelow) A.Löve & D. Löve var. acutus - FNA,KTZ, E/W
[Schoenoplectus lacustris (L) Palla subsp. acutus (Muhl. ex Bigelow) A. Löve & D. Löve] - W&W
[Schoenoplectus lacustris (L) Palla subsp. acutus (Muhl.) A. Löve & D. Löve] - SF!
[Scirpus acutus Muhl] - GPF
[Scirpus acutus Muhl ex Bigelow] - HDH, IMF, UTF
Schoenoplectus acutus (Muhl. ex Bigelow) A. Löve & D. Löve var. occidentalis (S. Watson) S. G. Sm. - Dorn01, KTZ, FNA
Schoenoplectus americanus (Pers.) Volkart ex Schinz & R. Keller - FNA, FCF, KTZ
[Schoenoplectus americanus (Pers.) Volkart] - W&W, misapp.
[Scirpus americanus Pers.] - GPF, IMF, UTF
Schoenoplectus pungens (Vahl) Palla var. pungens - E/W
[Schoenoplectus pungens (Vahl) Palla] - SF[1], W&W, FNA
[Schoenoplectus pungens (Vahl) Pall var longispicatus (Britton) S. G. Sm.] - KTZ
[Scirpus americanus Pers. var. polyphyllus (Bock) Beetle] - HDH
[Scirpus pungens Vahl] - GPF
[Scirpus pungens Vahl var. longispicatus (Britton) Cronquist] - IMF, UTF
[Scirpus pungens (Vahl) Pall. var. polyphyllus (Boeck.) Dorn] - Dorn01
Schoenoplectus saximontanus (Fernald) J. Raynal - Dorn01, FNA, KTZ, SFE, W&W, E
[Scirpus saximontanus Fernald] - RMC
[Scirpus saximontanus A. Gray] - GPF
[Scirpus supinus L] - HDH, UTF
[Scirpus supinus L. var. saximontanus (Fernald) T. Koyama] - IMF
Schoenoplectus tabernaemontani (K. C. Gmel.) Palla - Dorn01, FNA, KTZ, E/W
[Schoenoplectus lacustris L subsp validus (Vahl) A Löve & D Löve] - W&W, misapp
[Schoenoplectus lacustris (L.) Palla subsp. creber (Fernald) A. Löve & D. Löve] - SFE, W&W[1]
[Schoenoplectus lacustris (L.) Palla subsp. validus (Vahl) A. Löve & D. Löve] - SFW
[Scirpus validus Vahl] - GPF, HDH, IMF, UTF

Scirpus (see also **Amphiscirpus, Bolboschoenus, Schoenoplectus, Trichophorum**)
Scirpus microcarpus J. Presl & C. Presl - Dorn01, KTZ, FNA, W&W, E/W
[Scirpus microcarpus C. Presl - GPF, IMF, SF[1], UTF
[Scirpus rubrotinctus Fernald] - HDH
Scirpus pallidus (Britton) Fernald - Dorn01, GPF, HDH, IMF, KTZ, FNA, SF!, W&W, E/W
✣ Scirpus pendulus Muhl. - KTZ, FNA, W&W[1], E
[Scirpus lineatus Michx.] - SFE, W&W, W&W[1], misid

{Trichophorum caespitosum (L.) Hartman} - KTZ, W&W
{Trichophoroum cespitosum (L.) Schur} - FNA <UT>
Trichophorum pumilum (Vahl) Schinz & Thell. - Dorn01, KTZ, FNA <MT>, SF!, W&W, E/W
[Scirpus pumilus Vahl] - HDH rep.

Cypripediaceae (see **ORC**)

Dipsacaceae - DPS

✻ Dipsacus fullonum L. - Dorn01, GPF, KTZ, SF!, W&W, E/W

[Dipsacus sylvestris Huds.] - HDH, IMF, UTF
* Dipsacus laciniatus L. - GPF, KTZ, SFE, W&W, E
[WJ - this species appears to hybridize with D fullonum in parts of Jefferson Co, CO]

* Knautia arvensis (L.) Coult. - GPF, IMF, KTZ, UTF, W&W, E/W
[Knautia arvensis (L.) Duby] - SF!

Droseraceae - DRS

Drosera anglica Huds. - *J. Lemly et al. 1806* (COLO)
[NS - collected in fen in La Plata County, J. Lemly {pers. comm. 2008}]
Drosera rotundifolia L. var. rotundifolia - KTZ, E/W
[Drosera rotundifolia L.] - GPF, SF!, W&W

Ehretiaceae (see **BOR**)

Elaeagnaceae - ELE

* Elaeagnus angustifolia L. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
✣ Elaeagnus commutata Bernh. ex Rydb. - Dorn01, IMF, KTZ, E
[Elaeagnus commutata Bernh.] - GPF, HDH, SFE, UTF, W&W

Shepherdia argentea (Pursh) Nutt. - Dorn01, GPF, HDH, IMF, KTZ, SF!,UTF,W&W, E/W
Shepherdia canadensis (L.) Nutt. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF,W&W, E/W

Elatinaceae - ELT

Bergia texana (Hook.) Seub. ex Walp. - KTZ, W&W, E
[Bergia texana (Hook.) Seub.] - SFE, UTF
[Bergia texana (Hook.) Walp.] - GPF

{Elatine americana (Pursh) Arn.} - HDH, KTZ <KS, OK>, W&W, misapp.
Elatine brachysperma A. Gray - WY checklist, GPF, KTZ, UTF
[Elatine obovata (Fassett) Mason] - KTZ
[Elatine triandra var. brachysperma (Gray) Fassett] - KTZ
Elatine rubella Rydb. - Dorn01, KTZ, W&W, E/W
[Elatine triandra Schkuhr] - GPF, HDH rep., SF!, UTF, W&W[1]

Ericaceae - ERI (including **Monotropaceae**, **Pyrolaceae**)

(Identification sources: _____)

♦ Arctostaphylos X coloradensis Rollins - **ENDEMIC** **<CO>**, KTZ
[Arctostaphylos patula X A. uva-ursi] - KTZ
[Arctostaphylos nevadensis A. Gray var. coloradensis (Rollins) Harrington] - HDH
[Arctostaphylos patula Greene forma platyphylla (A. Gray) P. V. Wells] - W&W
Arctostaphylos patula Greene - HDH, KTZ, UTF, W
[Arctostaphylos patula Greene subsp. platyphylla (A. Gray) P. V. Wells] - SFW
[Arctostaphylos patula Greene forma platyphylla (A. Gray) P. V. Wells] - W&W
Arctostaphylos pungens Kunth - KWA, KTZ, M&H, W&S

[Arctostaphylos chaloneorum J.B. Roof] - KTZ
[Arctostaphylos pseudopungens J.B. Roof] - KTZ
[Arctostaphylos pungens subsp. chaloneorum (J.B. Roof) J.B. Roof] - KTZ

Arctostaphylos uva-ursi (L.) Spreng. var. adenotricha Fernald & J. F. Macbr. - Dorn01, GPF, HDH, E/W
[Arctostaphylos uva-ursi L. subsp adenotricha (Fernald & J. F Macbr) Calder & R. L. Taylor - SFW
[Arctostaphylos uva-ursi (L) Spreng. subsp. adenotricha (Fernald & J. F. Macbr) Calder & R. L. Taylor - GPF, HDH, SFE, W&W[1]
[Arctostaphylos adenotricha (Fernald & J. F. Macbr.) A. Löve, D. Löve, & B. M. Kapoor] - W&W
[Arctostaphylos uva-ursi (L.) Spreng.] - KTZ, UTF

Arctostaphylos uva-ursi (L.) Spreng. var. stipitata (Packer & Denford) Dorn - Dorn01

Arctostaphylos uva-ursi (L.) Spreng. var. uva-ursi - Dorn01, HDH, E
[Arctostaphylos uva-ursi (L) Spreng.] - KTZ, UTF
[Arctostaphylos uva-ursi L.. subsp. coactilis (Fernald & J. F. Macbr.) A. Löve, D. Löve, & B. M. Kapoor] - W&W
[Arctostaphylos uva-ursi (L) Spreng. subsp. coactilis (Fernald & J. F. Macbr.) A. Löve, D. Löve, & B. M. Kapoor] - SFE, W&W
[Arctostaphylos uva-ursi (L) Spreng. var. coactilis Fernald & J F Macbr.] - GPF, HDH

Azaleastrum (see **Rhododendron**)

Chimaphila umbellata (L.) W.P.C. Barton var. occidentalis (Rydb.) S.F.Blake - Dorn01, HDH, UTF, E/W
[Chimaphila umbellata (L.) W. P. C. Barton] - GPF
[Chimaphila umbellata (L.) W. P. C. Barton subsp. acuta (Rydb.) Hultén] - KTZ
[Chimaphila umbellata (L.) W. P. C. Barton var. acuta (Rydb.) S. F. Blake]- HDH, exp.
[Chimaphila umbellata (L.) W. P. C. Barton subsp. occidentalis (Rydb.) Hultén] - KTZ, SF!, W&W

Gaultheria humifusa (Graham) Rydb. - Dorn01, HDH, KTZ, SF!, UTF, W&W, E/W

Hypopitys (see **Monotropa**)

Kalmia microphylla (Hook.) A. Heller var. microphylla - E/W
[Kalmia microphylla (Hook.) A. Heller] - Dorn01, KTZ, SF!, UTF, W&W
[Kalmia polifolia Wang var. microphylla (Hook) Rehd.] - HDH

Moneses uniflora (L.) A. Gray var. uniflora - E/W
[Moneses uniflora (L.) A. Gray] - Dorn01, HDH, KTZ, SF!, W&W
[Moneses uniflora L.] - UTF
[Pyrola uniflora L.] - GPF

Monotropa hypopithys L. - GPF, KTZ, E/W
[Hypopitys monotropa Crantz] - Dorn01, SF!, W&W
[Monotropa hypopitys L. var. latisquama (Rydb.) Kearney & Peebles] - HDH

{Monotropa uniflora L.} - M&H, exp., KWA (not exp.), JM (not rep.), HDH, exp., GPF, KTZ <KS, NE, OK>

Orthilia secunda (L.) House - Dorn01, KTZ, W&W, E/W
[Orthilia secunda (L.) House subsp. obtusata (Turcz.) Böcher] - SF!, W&W[1]
[Orthilia secunda (L.) House subsp. secunda] - SF!
[Pyrola secunda L.] - GPF, HDH, UTF
[Ramischia secunda Rydb.] - HDH

{Phyllodoce empetriformis (Sm.) D. Don} - HDH rep., KTZ <AZ,WY>, W&W, misid.

Pterospora andromedea Nutt. - Dorn01, GPF, HDH, KTZ, SF!, UTF, W&W, E/W

Pyrola (see also **Moneses, Orthilia**)

(Identification sources: _____)

Pyrola asarifolia Michx. var. asarifolia - HDH, E/W
[Pyrola asarifolia Michx.] - Dorn01, GPF, UTF
[Pyrola asarifolia Michx. subsp asarifolia] - KTZ
[Pyrola asarifolia Michx. var. purpurea (Bunge) Fernald] - HDH
[Pyrola rotundifolia L. subsp. asarifolia (Michx) A. Löve] - SF!
[Pyrola rotundifolia L. subsp. asarifolia (Michx.) A. Löve & D. Löve] - W&W
Pyrola chlorantha Sw. var. chlorantha - E/W
[Pyrola chlorantha Sw.] - Dorn01, HDH, KTZ, SF!, UTF, W&W
{Pyrola elliptica Nutt.} - KWA, KTZ, M&H
[WJ - a northeastern species that appears to reach the Black Hills; specimens from our area probably misidentified and likely P. chlorantha]
Pyrola minor L. - Dorn01, HDH, KTZ, SF!, UTF, W&W, E/W
Pyrola picta Sm. var. picta - Dorn01, E/W
[Pyrola picta Sm.] - GPF, HDH, KTZ, SF!, UTF, W&W

◆ Rhododendron albiflorum Hook. var. warrenii (A. Nelson) M. A. Lane - **ENDEMIC <CO>**, KTZ, E/W
[Azaleastrum albiflourm (Hook.) Rydb] - W&W
[Azaleastrum albiflorum (Hook.) Rydb subsp. warrenii (A. Nelson) W. A. Weber] - SF!, W&W[1]
[Rhododendron albiflorum Hook] - HDH

Vaccinium cespitosum Michx. - Dorn01, SF!, W&W, E/W
[Vaccinium caespitosum Michx] - HDH, UTF
[Vaccinium cespitosum Michx. var. cespitosum] - KTZ
Vaccinium globulare Rydb. - W&W[1]
[Vaccinium membranaceum Dougl.] - UTF
[Vaccinium membranaceum Dougl. ex Torr.] - KTZ<AZ, UT, WY>
Vaccinium myrtillus L. var. oreophilum (Rydb.) Dorn - Dorn01, KTZ, E/W
[Vaccinium myrtillus L.] - HDH, UTF
[Vaccinium myrtillus L. subsp. oreophilum (Rydb.) A. Löve & D. Löve] - SF!, W&W
{Vaccinium occidentale A. Gray} -SFW, exp.
Vaccinium scoparium Leiberg ex Coville - Dorn01, KTZ, W&W, E/W
[Vaccinium scoparium Leiberg] - GPF, HDH, SF!, UTF

Euphorbiaceae - EUP (see also **PLL**)

(Identification sources: _____)

Agaloma (see **Euphorbia**)

Argythamnia humilis (Engelm. & A. Gray) Müll. Arg. var. humilis - GPF, KTZ, E

[Argythamnia humilis (Engelm. & A. Gray) Müll. Arg.] - SFE, W&W
[Ditaxis humilis (Engelm. & A. Gray) Pax] - HDH

Argythamnia mercurialina (Nutt.) Müll. Arg. var. mercurialina - KTZ, E
[Argythamnia mercurialina (Nutt.) Müll. Arg.] - GPF, SFE, W&W
[Ditaxis mercurialina (Nutt.) J. M. Coult.] - HDH

Chamaesyce

(Identification sources: _____)

✣Chamaesyce albomarginata (Torr. & A. Gray) Small - IMF, KTZ, W&W, misid.
[Euphorbia albomarginata Torr. & A. Gray] - GPF <CO>, HDH, exp., UTF

Chamaesyce chaetocaylx (Boiss.) Wooton & Standl. var. chaetocalyx - KTZ

Chamaesyce fendleri (Torr. & A. Gray) Small - Dorn01, IMF, KTZ, SF!, W&W, E/W
[Euphorbia fendleri Torr. & A. Gray] - GPF, UTF
[Euphorbia fendleri Torr. & A. Gray var. fendleri] - HDH

Chamaesyce geyeri (Engelm.) Small - Dorn01, SFE, W&W, E
[Chamaesyce geyeri (Engelm.) Small var. geyeri] - KTZ
[Euphorbia geyeri Engelm.] - GPF, HDH
[Euphorbia geyeri Engelm. var. geyeri] - RMC

Chamaesyce glyptosperma (Engelm.) Small - Dorn01, IMF, KTZ, SF!, W&W, E/W
[Euphorbia glyptosperma Engelm.] - GPF, HDH, UTF

Chamaesyce lata (Engelm.) Small - KTZ, SFE, W&W, E
[Euphorbia lata Engelm.] - GPF, HDH

Chamaesyce maculata (L.) Small - Dorn01, IMF, KTZ, E
[Chamaesyce supina (Raf.) Moldenke] - SFE, W&W[1]
[Euphorbia maculata L.] - GPF, UTF, W&W, out of range

{Chamaesyce micromera (Boiss. ex Engelm.) Wooton & Stand.} - IMF,KTZ
{Euphorbia micromera Boiss. ex Engelm.} - HDH, exp

Chamaesyce missurica (Raf.) Shinners - KTZ, SFE, W&W, E
[Euphorbia missurica Raf.] - GPF
[Euphorbia missurica Raf. var. intermedia (Engelm.) Wheeler] - HDH
[Euphorbia missurica Raf. var. petaloidea (Engelm.) Dorn] - Dorn01

Chamaesyce nutans (Lag.) Small - Dorn01, KTZ
[Chamaesyce maculata auct. non (L.) Small] - KTZ
[Chamesyce preslii (Guss.) Arthur] - KTZ
[Euphorbia maculata auct. non L.] - KTZ
[Euphorbia nutans Lag.] - KTZ
[Euphorbia preslii Guss.] - KTZ

Chamaesyce parryi (Engelm.) Rydb. - IMF, KTZ, SFW, W&W, W
[Euphorbia parryi Engelm.] - HDH rep., UTF

✣Chamaesyce prostrata (Aiton) Small - Dorn01, IMF, KTZ
[Euphorbia prostrata Ait.] - GPF, UTF

Chamaesyce revoluta (Engelm.) Small - IMF, KTZ, SF!, W&W, E/W
[Euphorbia revoluta Engelm.] - GPF, HDH, UTF

✣Chamaesyce serpens (Kunth) Small - Dorn01, KTZ, SFE, W&W, E
[Euphorbia serpens Kunth] - GPF, HDH, RMC

✻ Chamaesyce serpyllifolia (Pers.) Small - Dorn01, IMF, SF!, W&W, E/W
[Chamaesyce serpyllifolia (Pers.) Small subsp. serpyllifolia] - KTZ
[Euphorbia serpyllifolia Pers.] - GPF, UTF
[Euphorbia serpyllifolia Pers. var. serpyllifolia] - HDH

{Chamaesyce serrula (Engelm.) Wooton & Standl} - KTZ

{Euphorbia serrula Engelm.} - HDH, exp.
Chamaesyce stictospora (Engelm.) Small - Dorn01, KTZ, SFE, W&W, E
[Euphorbia stictospora Engelm] - GPF, HDH

Croton pottsii (Klotzsch) Müll. -Arg. var. pottsii - KWA, KTZ, JM (not rep.)
[Croton corymbulosus Engelm.] - KWA, KTZ
[Croton eremophilus Wooton & Standley] - KWA
Croton texensis (Klotzsch) Müll.-Arg. - Dorn01, GPF, HDH, SF!, W&W, E/W
[Croton texensis (Klotzsch) Müll. Arg. var. texensis] - IMF, KTZ, UTF

Ditaxis (see **Argythamnia**)

Euphorbia

(Identification sources: _____)

Euphorbia (see also **Chamaesyce**)
Euphorbia agraia Bieb. - Dorn01, KTZ
Euphorbia brachycera Engelm. - IMF, KTZ, UTF, E/W
[Euphorbia brachycera Engelm. var. robusta (Engelm.) Dorn] - Dorn01
[Euphorbia robusta (Engelm.) Small] - GPF, HDH, KTZ
[Tithymalus brachyceras (Engelm.) Small] - SF!, W&W
{Euphorbia crenulata Engelm.} - HDH, IMF, KTZ, W
{WJ - This species is native to CA and OR (see Jepson Manual) Presence in CO based on old specimen at COLO from Montezuma Co. that is *E. brachycera* in my opinion. A disjuction from 100 years ago is unlikely; species is not mentioned by other floras of the surrounding states}
{Tithymalus crenulatus (Engelm.) A Heller} - SFW, W&W
* Euphorbia cyparissias L. - Dorn01, GPF, HDH, IMF, KTZ, UTF, E
[Tithymalus cyparissias (L.) Lam.] - SFE, W&W
Euphorbia dentata Michx. - Dorn01, GPF, UTF, E/W
[Euphorbia davidii Subils] - IMF, KTZ
[Euphorbia dentata Michx. var. cuphosperma Engelm.] - HDH
[Euphorbia dentata Michx. var. dentata] - HDH, KTZ
[Poinsettia dentata (Michx.) Klotzsch & Garcke] - SF!, W&W
* Euphorbia esula L. var. esula - Dorn01, KTZ, E/W
[Euphorbia esula L.] - GPF, HDH, IMF, UTF
[Euphorbia x pseudovirgata (Schur) Soó] - GPF
[Euphorbia esula X E virgata] - GPF
[Tithymalus esula (L.) Scopoli] - SF!, W&W
* Euphorbia esula L. var. uralensis (Fisch. ex Link) Dorn - Dorn01, KTZ, E/W
[Euphorbia uralensis Fisch. ex Link] - GPF
[Tithymalus uralensis (Fisch.) Prokhanov] - SF!
[Tithymalus uralensis (Fisch. ex Link) Prokhanov] - W&W
Euphorbia exstipulata Engelm. - Dorn01, GREE (*Harmon 9507* for CO; *Hazlett 12212* for NM), Smith09?, KTZ
[Euphorbia exstipulata Engelm. var. lata Warnock & M. C. Johnston] - KTZ
Euphorbia hexagona Nutt. ex Spreng. - HDH, KTZ, E
[Euphorbia hexagona Nutt.] - GPF, IMF
[Zygophyllidium hexagonum (Nutt.) Small] - SFE, W&W
Euphorbia helioscopia L. - Dorn01
[Galarhoeus helioscopia (L.) Haw.] - KTZ
[Tithymalus helioscopia (L.) Hill] - KTZ

Euphorbia incisa Engelm. var. mollis (Norton) Wheeler - KTZ, W
[Euphorbia incisa Engelm.] - IMF
[Tithymalus incisus (Engelm.) W. A Weber] - W&W
[Tithymalus incisus (Engelm.) Norton var. mollis W A. Weber] - SFW
Euphorbia marginata Pursh - Dorn01, GPF, HDH, IMF, KTZ, UTF, E/W
[Agaloma marginata (Pursh) A. Löve & D Löve] - SF!, W&W
* Euphorbia myrsinites L. - IMF, KTZ, UTF, E
[Tithymalus myrsinites (L.) Hill] - SFE, W&W
{Euphorbia nephradenia Barneby} - IMF, KTZ <UT>, UTF <CO>
[WJ - Reported presence in CO based entirely on report in IMF. I've seen no specimens in CO, its presumed presence in Montezuma Co. would be a substantial range disjunction from sw UT]
* Euphorbia peplus L. - GPF, IMF, KTZ, UTF, E
[WJ - Collected once in CO in Golden. L Yeatts has collected Golden area for 30 years and never encountered it. Probably a non-persistent waif]
[Tithymalus peplus (L) Hill] - SFE, W&W
Euphorbia spathulata Lam. - Dorn01, GPF, IMF, KTZ, UTF, E/W
[Euphorbia dictyosperma Fisch. & C. A. Mey.] - HDH
[Tithymalus spatulatus (Lam.) W. A. Weber] - SF!, W&W

Poinsettia (see **Euphorbia**)

Reverchonia (see **PLL**)

Stillingia sylvatica Garden ex L. subsp. sylvatica - KTZ, E
[Stillingia sylvatica L.] - SFE, GPF
[Stillingia sylvatica Garden ex L.] - HDH, W&W

Tithymalus (see **Euphorbia**)

{Tragia nepetifolia Cav.} - HDH, W&W, misapp.
{Tragia betonicifolia Nutt.} - GPF
{Tragia nepetifolia Cav. var. dissecta Müll Arg.} - KTZ
Tragia ramosa Torr. - GPF, IMF, KTZ, SF!, UTF, E/W
[Tragia ramosa (Müll. Arg.) Torr.] - W&W

Zygophyllidium (see **Euphorbia**)

Fabaceae - FAB (= **Leguminosae,** including **Caesalpiniaceae**, **Mimosaceae**)

(Identification sources: _____)

* Alhagi maurorum Medik. - IMF, KTZ, W&W[1], NNL
[Alhagi camelorum Fisch.] - W&W
[Alhagi macrourum Medik.] - UTF

Amorpha canescens Pursh - Dorn01, GPF, HDH, KTZ, SFE, UTF, W&W, E
[Amorpha canescens Nutt.] - IMF
[Amorpha canescens Nutt. ex Pursh] - NNL
Amorpha fruticosa L. - Dorn01, GPF, IMF, KTZ, NNL, UTF, W&W, E
[Amorpha fruticosa L. var. angustifolia Pursh] - SFE, HDH
[Amorpha fruticosa L. var. occidentalis (Abrams) Kearney & Peebles] - HDH, rep.

Amorpha nana Nutt. - GPF, HDH, KTZ, NNL, SFE, W&W, E

Apios americana Medik. - GPF, KTZ, NNL, SFE, W&W, E

Astragalus

(Identification sources: _____)

Astragalus adsurgens Pall. var. robustior Hook. - GPF, IMF, NNL, SFE,W&W, E/W
[Astragalus adsurgens Pall.] - SFW
[Astragalus adsurgens Pall subsp. robustior (Hook) S. L Welsh] - UTF
[Astragalus laxmannii Lam.] - W&W[1]
[Astragalus laxmannii Jacq. var. robustior (Hook.) S. L. Welsh & Barneby] - Dorn01, KTZ
[Astragalus striatus Nutt. ex Torr. & A. Gray] - HDH
[Astragalus sulphurescens Rydb] - HDH
Astragalus agrestis Douglas ex G. Don - Dorn01, GPF, HDH, IMF, KTZ, NNL, W&W, E/W
[Astragalus agrestis Douglas] - SF!
Astragalus albulus Woot. & Standl. - FCF, NNL
Astragalus alpinus L. var. alpinus - KTZ, NNL, E/W
[Astragalus alpinus L.] - Dorn01, GPF, HDH, IMF, SF!, UTF, W&W
Astragalus americanus (Hook.) M. E. Jones - GPF, KTZ, NNL, SFE, W&W, E
[Astragalus frigidus (L.) A. Gray var. americanus (Hook.) S. Watson] - W&W[1]
Astragalus amphioxys A. Gray var. amphioxys - FCF, NNL
[Astragalus amphioxys var. melanocalyx (Rydb.) Tidestrom] - KTZ
Astragalus amphioxys A. Gray var. vespertinus (E. Sheld.) M. E. Jones - HDH, IMF, KTZ, NNL, SFW, UTF, W&W, W
♦ Astragalus anisus M. E. Jones - **ENDEMIC** **<CO>,** HDH, KTZ, NNL, SFW, W&W, W
Astragalus aretioides (M. E. Jones) Barneby - IMF, KTZ, UTF, W
[Astragalus sericoleucus A. Gray var. aretioides M. E. Jones] - HDH
[Orophaca aretioides (M. E. Jones) Rydb.] - NNL, SFW, W&W
Astragalus argophyllus Nutt. var. argophyllus - Dorn01
[Astragalus argophyllus Nutt. ex T. & G. var argophyllus] - NNL
[Xylophacos argophyllus (Nutt) Rydb.] - KTZ
Astragalus argophyllus Nutt. var. martinii M. E. Jones - IMF, KTZ, SFW, W
[Astragalus argophyllus Nutt. var. pephragmenoides Barneby]
[Astragalus argophyllus Nutt. ex Torr. & A. Gray var. martinii M. E. Jones] - NNL,UTF, W&W
[Astragalus argophyllus Nutt. ex Torr. & A. Gray var. pephragmenoides Barneby] - HDH, W&W
Astragalus asclepiadoides M. E. Jones - HDH, IMF, KTZ, NNL, SFW, UTF, W&W, W
Astragalus australis (L.) Lam. var. glabriusculus (Hook.) Isely - Dorn01, IMF, NNL, W&W[1], E/W
[Astragalus aboriginum Richardson] - GPF
[Astragalus aboriginum Richardson var. aboriginum] - HDH
[Astragalus aboriginum Richardson var fastigiorum M. E. Jones] - SF!, W&W
[Astragalus aboriginum Richardson var glabriusculus (Hook) Rydb] - HDH, SFE, W&W
[Astragalus australis (L.) Lam.] - KTZ
[Astragalus australis (L.) Lam subsp. ?] - W&W[1]
[Astragalus australis Fisch. var. glabriusculus (Hook.) Isely] - UTF
Astragalus barrii Barneby - Dorn01
[Orophaca barrii (Barneby) Isley] - KTZ, NNL
Astragalus bisulcatus (Hook.) A. Gray var. bisulcatus - Dorn01, IMF, KTZ, NNL, UTF, E/W
[Astragalus bisulcatus A. Gray] - W&W
[Astragalus bisulcatus (Hook.) A. Gray] - GPF, HDH, W&W[1]

[Astragalus diholcos Tidestr.] - HDH
Astragalus bisulcatus (Hook.) A.Gray var. haydenianus (A.Gray) Barneby - Dorn01, KTZ, E/W
[Astragalus bisulcatus (Hook.) A Gray var haydenianus (A. Gray ex Brandegee) Barneby] - IMF, NNL
[Astragalus haydenianus A. Gray] - HDH, SF!, W&W
Astragalus bisulcatus (Hook.) A. Gray var. major (M. E. Jones) S. L. Welsh - Dorn01, KTZ, NNL
Astragalus bodinii E. Sheld. - Dorn01, GPF, HDH, IMF, KTZ, NNL, SFE, UTF, W&W, E
Astragalus brandegeei Porter - HDH, IMF, KTZ, NNL, SF!, UTF, W&W, E/W
Astragalus calycosus Torr. ex S. Watson var. calycosus - IMF, KTZ, NNL, UTF, W&W
[Astragalus calycosus Torr.] - Dorn01, HDH
Astragalus calycosus Torr. ex S. Watson var. scaposus (A. Gray) M. E. Jones - IMF, KTZ, NNL, UTF, W&W, W
[Astragalus calycosus Torr.] - HDH
[Astragalus calycosus A. Gray var. scaposus M. E. Jones] - SFW
[Astragalus calycosus Torr. ex S. Watson var. scaposus M. E. Jones] - W&W[1]
Astragalus canadensis L. var. brevidens (Gand.) Barneby - Dorn01, IMF, KTZ, NNL, SFW, W
Astragalus canadensis L. var. canadensis - Dorn01, HDH, IMF, KTZ, NNL, UTF, W&W, E
[Astragalus canadensis L.] - GPF, SFE
Astragalus canadensis L. var. mortonii (Nutt.) S. Watson - HDH, IMF, KTZ, NNL, W&W
[Astragalus canadensis L. var. brevidens (Gand.) Barneby] - RMC
Astragalus ceramicus E. Sheld. var. ceramicus - HDH, IMF, KTZ, NNL, SFW,UTF,W&W, W
[Astragalus ceramicus E. Sheld var imperfectus E Sheld.] - HDH
Astragalus ceramicus E. Sheld. var. filifolius (A. Gray) F. J. Herm. - Dorn01, GPF, IMF, KTZ, NNL, SF!, W&W, E/W
♦ Astragalus cerussatus E. Sheld. - **ENDEMIC** **<CO>**, NNL, HDH, KTZ, SF!, W&W, E/W
Astragalus chamaeleuce A. Gray var. chamaleuce - IMF, KTZ, NNL, UTF, W
[Astragalus chamaeleuce A. Gray] - Dorn01, HDH, SFW, W&W
Astragalus chloödes Barneby - IMF, NNL
[Astragalus chloodes Barneby] - KTZ <UT>, UTF
Astragalus cibarius E. Sheld. - Dorn01, IMF, KTZ, NNL, SFW, UTF, W&W, W
* Astragalus cicer L. - Dorn01, IMF, KTZ, NNL, SF!, UTF, W&W, E/W
Astragalus coltonii M. E. Jones var. moabensis M. E. Jones - Dorn01, HDH, IMF, KTZ, NNL, SFW, UTF, W&W, W
Astragalus convallarius Greene var. convallarius - IMF, KTZ, NNL, UTF, W&W, W
[Astragalus convallarius Greene] - Dorn01, SFW
[Astragalus diversifolius A. Gray] - Dorn01 (uncertain for WY as taxon separate from A. c. var. c.), HDH
Astragalus convallarius Greene var. scopulorum Barneby - IMF,KTZ,NNL, SFE, W&W, E
Astragalus crassicarpus Nutt. var. cavus Barneby -NNL, KWA, KTZ, M&H, JM, not rep.
Astragalus crassicarpus Nutt. var. crassicarpus - Dorn01, GPF, KTZ, NNL, W&W, E
[Astragalus crassicarpus Nutt.] - HDH, SFE
Astragalus crassicarpus Nutt. var. paysonii (Kelso) Barneby - Dorn01, GPF, KTZ, NNL, W&W, E
[Astragalus crassicarpus Nutt.] - SFE
[Astragalus succulentus Richardson] - HDH
Astragalus cronquistii Barneby - IMF, KTZ, NNL, SFW, UTF, W&W, W
♦ Astragalus debequaeus S. L. Welsh - **ENDEMIC** **<CO>**, KTZ, SFW, W&W, W
[Astragalus eastwoodae M. E. Jones] - W&W[1]
[Astragalus eastwoodae M. E. Jones var. debequaeus (S. L. Welsh) Isely] - NNL
Astragalus desperatus M. E. Jones var. desperatus - IMF, KTZ, NNL, UTF, W
[Astragalus desperatus M. E Jones] - HDH, SFW, W&W
[Astragalus desperatus M. E. Jones var. neeseae Barneby] - IMF, KTZ, W&W[1]

[Astragalus equisolensis Neese & S. L. Welsh] - UTF

◆ Astragalus deterior (Barneby) Barneby - **ENDEMIC**<CO>, KTZ, NNL, SFW, W&W, W

[Astragalus naturitensis Payson var. deterior Barneby] - HDH

Astragalus detritalis M. E. Jones - HDH, IMF, KTZ, NNL, UTF, W&W, W

[Astragalus detritalis Barneby] - SFW

Astragalus drummondii Douglas ex Hook. - Dorn01, NNL, GPF, IMF, KTZ, UTF,W&W, E/W

[Astragalus drummondii Douglas] - HDH, SF!

Astragalus duchesnensis M. E. Jones - HDH rep., IMF, KTZ, NNL, SFW, UTF, W&W, W

Astragalus eastwoodiae M. E. Jones - IMF, KTZ, SFW, UTF, W&W, W

[Astragalus eastwoodae M. E. Jones var. eastwoodae] - NNL

[Astragalus preussii A. Gray var. eastwoodiae (M. E. Jones) M. E. Jones] - HDH

Astragalus eucosmus B. L. Rob. - Dorn01, HDH, IMF, KTZ, NNL, SF!, UTF, W&W, E/W

✻ Astragalus falcatus Lam. - IMF, KTZ, NNL, SF!, UTF, W&W, E/W

Astragalus flavus Nutt. - Dorn01, IMF, KTZ, SFW, W&W, W

[Astragalus confertiflorus A. Gray var. confertiflorus] - HDH

[Astragalus confertiflorus A. Gray var. flaviflorus (Kuntze) M. E. Jones] - HDH

[Astragalus flavus Nutt. var. flavus] - NNL

[Astragalus flavus Nutt. ex Torr. & A. Gray var. flavus] - UTF

Astragalus flexuosus (Hook.) Douglas ex G. Don var. diehlii (M. E. Jones) Barneby - KTZ, E/W

[Astragalus flexuosus (Hook.) G. Don] - GPF, SFE

[Astragalus flexuosus Douglas ex Hook. var. diehlii (M. E. Jones) Barneby] - HDH

[Astragalus flexuosus (Hook.) G. Don var. diehlii (M. E. Jones) Barneby] - IMF, NNL, UTF, W&W

Astragalus flexuosus (Hook.) Douglas ex G. Don var. flexuosus - KTZ, E/W

[Astragalus flexuosus (Hook.) Douglas] - SFW

[Astragalus flexuosus (Hook.) G. Don] - SFE, GPF

[Astragalus flexuosus (Hook.) G. Don var. flexuosus] - IMF, NNL, UTF, W&W

[Astragalus flexuosus Douglas ex Hook. var. flexuosus] - HDH

Astragalus flexuosus (Hook.) Dougl. ex G. Don var. greenei (A. Gray) Barneby - KTZ

[Astragalus flexuosus (Hook.) Dougl.] - SF!

[Astragalus flexuosus (Hook.) G. Don] - GPF

[Astragalus flexuosus (Hook.) G. Don var. greenei (A. Gray) Barneby] - KTZ, NNL

Astragalus fucatus Barneby - IMF <CO>, KTZ, NNL, SFW, W&W, W

Astragalus geyeri A. Gray var. geyeri - IMF, KTZ, NNL, W

[Astragalus geyeri A. Gray] - Dorn01, SFW, UTF, W&W

Astragalus gilviflorus E. Sheld. var. gilviflorus - Dorn01, KTZ, E

[Astragalus gilviflorus E. Sheld.] - GPF, IMF, UTF

[Orophaca triphylla Britton] - SFE, W&W

[Orophaca triphylla (Eat. & J. Wright) Britton] - NNL

Astragalus gracilis Nutt. - Dorn01, GPF, HDH, KTZ, NNL, SFE, W&W, E

[Astragalus parviflorus (Pursh) Nutt.] - HDH

Astragalus grayi Parry ex S. Wats. - Dorn01, KTZ

Astragalus hallii A. Gray var. hallii - IMF, KTZ, NNL, E/W

[Astragalus hallii A. Gray] - HDH, SF!, W&W

Astragalus hamiltonii Ced. Porter - IMF, KTZ, UTF

[Astragalus lonchocarpus Torr. var. hamiltonii (Ced. Porter) Isely] - NNL, W&W

Astragalus humillimus A. Gray - KTZ, SFW, W&W, W

[Astragalus humillimus A. Gray ex Brandegee] - IMF, NNL

Astragalus humistratus A. Gray - HDH, KTZ <AZ, NM, UT>, W&W, misid.

[Astragalus humistratus A. Gray var. humistratus] - IMF <C0>, NNL

Astragalus hyalinus M. E. Jones - Dorn01, GPF, HDH, KTZ, E

[Orophaca hyalina M. E. Jones] - SFE

[Orophaca hyalina (M. E. Jones) Isely] - NNL, W&W

♦ Astragalus iodopetalus (Rydb.) Barneby - **ENDEMIC <CO, NM>**, KTZ, NNL, W
[Astragalus iodopetalus Greene ex Barneby] - HDH
[Astragalus iodopetalus (Greene) Barneby] - SFW
[Astragalus iodopetalus (Greene ex Rydb.) Barneby] - W&W
Astragalus jejunus S. Watson var. jejunus - Dorn01, KTZ, W
[Astragalus jejunus S Watson] - IMF, NNL, SFW, UTF, W&W
Astragalus kentrophyta A. Gray var. elatus S. Watson - IMF, KTZ, NNL, UTF, W
[Astragalus kentrophyta A. Gray] - HDH
[Astragalus kentrophyta A. Gray subsp. elatus (S. Watson) W. A. Weber] - SFW, W&W
Astragalus kentrophyta A. Gray var. jessiae (Peck) Barneby - WY checklist
[Astragalus jessiae M. E. Peck] - KTZ
[Astragalus kentrophyta A. Gray subsp. jessiae (M E Peck) W.A Weber] - KTZ, NNL
Astragalus kentrophyta A. Gray var. kentrophyta - NNL, IMF, KTZ, E
[Astragalus kentrophyta A. Gray] - GPF, HDH
[Astragalus kentrophyta A. Gray subsp. kentrophyta] - SFE, W&W
Astragalus kentrophyta A. Gray var. tegetarius (S. Watson) Dorn - IMF, KTZ, UTF, E/W
[Astragalus kentrophyta A. Gray subsp. implexus (Canby ex Porter & J. M. Coult.) W. A. Weber] - W&W
[Astragalus kentrophyta A. Gray subsp. implexus (Canby) W. A. Weber] - SF!
[Astragalus kentrophyta A. Gray var. implexus (Porter & J. M. Coult.) Barneby] - NNL
[Astragalus kentrophyta A. Gray var. implexus (Canby ex Porter & J. M. Coult.) Barneby] - KTZ
[Astragalus tegetarius S. Watson] - HDH
Astragalus lentiginosus Douglas ex Hook. var. chartaceus M. E. Jones - Dorn01, IMF, KTZ
[Astragalus lentiginosus Douglas ex Hook. var. platyphyllidius (Rydb.) Barneby] - UTF
[Astragalus lentiginosus Douglas ex Hook. var. platyphyllidius (Rydb.) M Peck] - NNL, W&W
[Astragalus lentiginosus Douglas ex Hook. var. aranosus (E Sheld.) Barneby] - UTF
Astragalus lentiginosus Douglas ex Hook. var. diphysus (A. Gray) M. E. Jones - IMF, KTZ, UTF, W&W
[Astragalus lentiginosus Douglas ex Hook. var. albiflorus (A. Gray) Schoener] - NNL, W&W[1]
[Astragalus lentiginosus Douglas var. diphysus (A. Gray) M. E. Jones] - HDH
Astragalus lentiginosus Douglas ex Hook. var. palans (M. E. Jones) M. E. Jones - IMF, KTZ, UTF, W&W, W
[Astragalus lentiginosus Douglas ex Hook. var. palans (A. Gray) M. E. Jones]
[Astragalus lentiginosus Douglas var palans (A. Gray) M. E. Jones] - SFW
[Astragalus lentiginosus Douglas var palans (M. E. Jones) M. E. Jones] - HDH, NNL
Astragalus leptaleus A. Gray - Dorn01, HDH, KTZ, NNL, SF!, W&W, E/W
♦ Astragalus linifolius Osterh. - **ENDEMIC <CO>**, IMF, KTZ, NNL, SFW, W&W, W
[Astragalus toanus M. E. Jones] - HDH
Astragalus lonchocarpus Torr. - HDH, IMF, KTZ, SF!, UTF, E/W
[Astragalus lonchocarpus Torr. var. lonchocarpus] - NNL, W&W
Astragalus lotiflorus Hook. - Dorn01, GPF, HDH, KTZ, NNL, SFE, W&W, E
Astragalus lutosus M. E. Jones - HDH, IMF, KTZ, NNL, SFW, UTF, W&W, W
Astragalus megacarpus (Nutt.) A. Gray var. megacarpus - UT3
[Astragalus megacarpus (Nutt.) A Gray] - Dorn01, HDH, exp , IMF, KTZ, NNL, SFW, W&W, W
[Astragalus megacarpus (Nutt.) A Gray var megacarpus] - UTF
♦ Astragalus megacarpus (Nutt.) A. Gray var. neeseae S. Welsh - **ENDEMIC <CO>** , UT3
♦ Astragalus microcymbus Barneby - **ENDEMIC <CO>**, KTZ, NNL, SFW, W&W, W
Astragalus miser Douglas var. oblongifolius (Rydb.) Cronquist - Dorn01, KTZ, NNL, SF!, W&W, E/W
[Astragalus miser Douglas ex Hook. var. decumbens (Nutt.) Cronquist] - Dorn01
[Astragalus miser Douglas var. decumbens (Nutt.) Cronq.] - W&W[1], err. rep.
[Astragalus miser Douglas ex Hook. var. oblongifolius (Rydb) Cronquist] - IMF, UTF
[Astragalus decumbens (Nutt ex Torr. & A. Gray) A Gray var. decumbens] - HDH

[Astragalus decumbens (Nutt. ex Torr. & A. Gray) A. Gray var. decurrens (Rydb.) Cronquist] - HDH
[Astragalus decumbens (Nutt. ex Torr. & A. Gray) A. Gray var. oblongifolius (Rydb.) Cronquist] - HDH
Astragalus miser Douglas var. praeteritus Barneby - Dorn01, KTZ
[Astragalus miser Douglas var. tenuifolius (Nutt.) Barneby] - NNL
Astragalus miser Douglas var. tenuifolius (Nutt.) Barneby - Dorn01, KTZ, NNL
Astragalus missouriensis Nutt. var. amphibolus Barneby - HDH, IMF, KTZ, NNL, SFW, UTF, W&W, W
Astragalus missouriensis Nutt. var. humistratus Isely - KTZ, NNL, W&W
Astragalus missouriensis Nutt. var. missouriensis - HDH, IMF, KTZ, NNL, SFW, UTF, W&W, E/W
[Astragalus missouriensis Nutt.] - GPF, SFE
Astragalus mollissimus Torr. var. mollissimus - GPF, IMF, KTZ, NNL, SFE, UTF, W&W, E
[Astragalus mollissimus Torr.] - Dorn01, HDH
Astragalus mollissimus Torr. var. thompsoniae (S. Watson) Barneby -IMF, KTZ, SFW, UTF, W&W, W
[Astragalus bigelovii A. Gray var thompsoniae (S. Watson) M. E. Jones] - HDH
[Astragalus thompsonae S. Watson] - NNL
♦ Astragalus molybdenus Barneby - **ENDEMIC** <CO>, HDH, corr. & add., KTZ, NNL, SF!, W&W, Lavin97, E/W
[Astragalus plumbeus Barneby] - HDH
Astragalus monumentalis Barneby var. cottamii (S. L. Welsh) Isely –NNL,IMF, KTZ, W&W, W
[Astragalus cottamii S. L. Welsh] - UTF
[Astragalus monumentalis Barneby] - SFW
Astragalus musiniensis M. E. Jones - IMF, KTZ, NNL, SFW, UTF, W&W, W
Astragalus naturitensis Payson - IMF, KTZ, NNL, SFW, UTF, W&W, W
[Astragalus naturitensis Payson var. naturitensis] - HDH
Astragalus nelsonianus Barneby - Dorn01, IMF, KTZ, NNL, SFW, UTF, W&W, W
[NS - a "regional endemic" of CO and WY, including parts of UT]
Astragalus newberryi A. Gray var. newberryi - IMF, KTZ, NNL, UTF, W
[Astragalus newberryi A. Gray] - SFW, W&W
Astragalus nuttallianus DC. var. austrinus (Small) Barneby - KWA, M&H, KTZ
[Astragalus austrinus (Small) E D Schulz] - KTZ
[Austsragalus nuttallianus DC var austrinus (Small) Shreve & Wiggins] - NNL
[Hamosa austrinus Small] - KWA
Astragalus nuttallianus DC. var. micranthiformis Barneby -IMF, KTZ, NNL, SF!, UTF, E/W
[Astragalus nuttallianus DC.] - HDH
[Astragalus nuttallianus DC. var. micranthemiformis Barneby] - W&W
{Astragalus nuttallianus DC. var. trichocarpus Torr. & A. Gray} - HDH, KTZ<OK>, NNL, W&W[1]
Astragalus oöcalycis M. E. Jones - HDH, KTZ, NNL, W
[Astragalus oöcalycis M. E. Jones] - SFW, W&W
Astragalus oöphorus S. Watson var. caulescens (M. E. Jones) M. E. Jones - IMF, KTZ, NNL, UTF, W
[Astragalus oöphorus S. Watson] - HDH
[Astragalus oöphorus M. E. Jones var. caulescens (M. E. Jones) M. E. Jones] - SFW, W&W
Astragalus oreganus Nutt. - Dorn01, KTZ
♦ Astragalus osterhoutii M. E. Jones - **ENDEMIC** <CO>, HDH, KTZ, NNL, SFW,W&W, W
Astragalus parryi A. Gray - Dorn01, HDH, KTZ, NNL, SF!, W&W, E/W
Astragalus pattersonii A. Gray - KTZ, NNL, SFW, W&W, W
[Astragalus pattersonii A. Gray ex Brandegee] - IMF, NNL, UTF

[Astragalus pattersonii A. Gray var. pattersonii] - HDH

Astragalus pectinatus (Hook.) Douglas ex G. Don - Dorn01, KTZ, E

[Astragalus pectinatus Douglas ex G. Don] - GPF, IMF, UTF

[Astragalus pectinatus (Hook) G. Don] - NNL

[Astragalus pectinatus Douglas] - SFE

[Astragalus pectinatus (Hook) Douglas] - HDH, W&W

Astragalus piscator Barneby & S. L. Welsh - IMF, KTZ, NNL, SFW, UTF, W&W, W

Astragalus plattensis Nutt. - Dorn01, HDH, KTZ, NNL, SFE, E

[Astragalus plattensis Nutt. ex Torr. & A. Gray] - GPF, W&W

Astragalus praelongus E. Sheld. var. ellisiae (Rydb.) Barneby - GPF, IMF, KTZ, UTF, W&W, W

[Astragalus praelongus E. Sheld] - SFW

[Astragalus praelongus E. Sheld. var. praelongus] - NNL

Astragalus praelongus E.Sheld. var. lonchopus Barneby - IMF <CO>, KTZ, NNL,UTF <AZ,UT>

Astragalus praelongus E. Sheld. var. praelongus - IMF, KTZ, NNL, UTF, W&W, W

[Astragalus pattersonii A Gray var praelongus (E Sheld.) M. E. Jones] - HDH

[Astragalus praelongus E. Sheld] - SFW

[Astragalus recedens (Greene ex Rydb.) Ced Porter] - HDH

♦ Astragalus proimanthus Barneby - **ENDEMIC <WY>,** Dorn01, KTZ

[Orophaca proimanthus (Barneby) Isley] - KTZ, NNL

♦Astragalus proximus (Rydb.) Wooton & Standl. - **ENDEMIC <CO, NM>**, HDH, KTZ, NNL, SFW, W&W, W

Astragalus pubentissimus Torr. & A. Gray - Dorn01, IMF, KTZ, SFW, W&W, W

[Astragalus pubentissimus Torr. & A. Gray var. pubentissimus] - NNL, UTF

Astragalus puniceus Osterh. var. puniceus - GPF, KTZ, NNL, E

[Astragalus puniceus Osterh.] - HDH, SFE, W&W

Astragalus purshii Douglas ex Hook. var. purshii - IMF, KTZ, NNL, UTF, E/W

[Astragalus purshii Douglas] - SF[1]

[Astragalus purshii Douglas ex Hook] - Dorn01, GPF, HDH, W&W

Astragalus racemosus Pursh var. longisetus M. E. Jones - Dorn01, GPF, KTZ, W&W, E

[Astragalus racemosus Pursh] - HDH, NNL, SFE

Astragalus racemosus Pursh var. racemosus - Dorn01, GPF, IMF, KTZ, NNL, UTF, W&W, E

[Astragalus racemosus Pursh] - HDH, SFE

Astragalus rafaelensis M. E. Jones - HDH, IMF, KTZ, NNL, SFW, UTF, W&W, W

Astragalus ripleyi Barneby - HDH, KTZ, NNL, SFE, W&W, E

Astragalus robbinsii (Oakes) A. Gray var. minor (Hook.) Barneby - IMF, KTZ, NNL, SFE, W&W, E/W

[Astragalus occidentalis (S. Watson) M. E. Jones] - HDH

[Astragalus robbinsii A. Gray var. minor (Hook.) Barneby] - SFW

[Astragalus robbinsii (Oakes) A. Gray] - UTF

Astragalus saurinus Barneby - IMF, KTZ <UT>, NNL, SFW, UTF, W

♦ Astragalus schmolliae Ced. Porter - **ENDEMIC <CO>**, HDH, KTZ, NNL, SFW, W&W, W

Astragalus scopulorum Porter -HDH, IMF, KTZ, NNL, SF!, UTF,W&W, E/W

Astragalus sericoleucus A. Gray var. aretioides M. E. Jones - Dorn01

[Astragalus aretoidoides (M. E. Jones) Barneby] - KTZ

Astragalus sericoleucus A. Gray var. sericoleucus - Dorn01, HDH

[Astragalus sericoleucus A. Gray] - GPF, KTZ, E

[Orophaca sericea Nutt] - SFE

[Orophaca sericea (Nutt) Britton] - NNL, W&W

Astragalus sesquiflorus S. Watson - IMF, KTZ, NNL, SFW, UTF, W&W, W

Astragalus shortianus Nutt. - Dorn01, KTZ, NNL, SF!, W&W, E/W
[Astragalus shortianus Nutt. ex Torr. & A. Gray] - GPF, HDH
♦ Astragalus simplicifolius (Nutt.) A. Gray - **ENDEMIC** <WY>, Dorn01, HDH, IMF, KTZ, W&W[1], misid.
{Astragalus simplicifolius (Nutt.) Rydb.} - NNL, W&W, misid.
♦ Astragalus sparsiflorus A. Gray var. majusculus A. Gray - **ENDEMIC** <CO>, HDH, KTZ, NNL, E
[NS - 2 varieties recognized by some, e.g. KTZ]
[Astragalus sparsiflorus A. Gray] - SFE, W&W
Astragalus sparsiflorus A. Gray var. sparsiflorus - HDH, KTZ, NNL, E
[Astragalus sparsiflorus A. Gray] - SFE, W&W
Astragalus spatulatus E. Sheld. - Dorn01, GPF, HDH, IMF, KTZ, NNL, SF!, UTF, W&W, E/W
Astragalus tenellus Pursh - Dorn01, GPF, HDH, IMF, KTZ, NNL, SF!, UTF, W&W, E/W
[Reveal04 recommend that this species now should be called *A. multiflorus* (Pursh) A. Gray]
Astragalus tephrodes Gray var. brachylobus (Gray) Barneby - NNL, KTZ, M&H, KWA
[Astragalus arrectus var. pephragmenus (M E Jones) M.E. Jones] - KTZ
[Astragalus curtilobus Tidestrom] - KWA, M&H
[Astragalus remulcus M E. Jones] - KWA, M&H
[Astragalus shortianus Nutt. ex T. & G. var. brachylobus Gray] - KWA, M&H
[Xylophacos brachylobus (Gray) Rydberg] - KWA, M&H
♦ Astragalus tortipes J. L. Anderson & J. M. Porter - **ENDEMIC** <CO>, KTZ, NNL, SFW, W&W[1], W
Astragalus tridactylicus A. Gray - KTZ, E
[Astragalus sericoleucus A. Gray var. tridactylicus (A. Gray) M. E. Jones] - HDH
[Orophaca tridactylica (A Gray) Rydb] - NNL, SFE, W&W
Astragalus vexilliflexus Sheld. var. vexilliflexus - KTZ, NNL
[Homalobus vexilliflexus (Sheld.) Rydb] - Dorn01, KTZ
Astragalus wetherillii M. E. Jones - HDH, IMF, KTZ, NNL, SFW, UTF, W&W, W
Astragalus wingatanus S. Watson - HDH, IMF, KTZ, NNL, SFW, UTF, W&W, W
Astragalus wittmannii Barneby - GREE (*Hazlett 11709* [Harding Co., NM])
Astragalus wootonii E. Sheld. var. wootonii - W&W, E
[Astragalus allochrous A. Gray var. playanus Isely] - KTZ
[Astragalus allochrous A. Gray var. playanus (M. E. Jones) Isely] - NNL, W&W[1]
[Astragalus wootonii E. Sheld.] - SFE

Caesalpinia (see also **Hoffmanseggia, Pomaria**)

Cassia (see **Chamaecrista**)

* Caragana arborescens Lam. - Dorn01, GPF, IMF, KTZ, SFE, UTF, W&W, E
[Caragana arborescens (L.) Lam.] - NNL
* Caragana aurantiaca Koehne - KTZ, NNL, SFE, W&W, E

{Chamaecrista fasciculata (Michx.) Greene} - NNL, W&W, rep.
{Cassia chamaecrista L.} - GPF <CO>
{Cassia fasciculata Michx.} - HDH, exp.
{Chamaecrista fasciculata (Michx) Greene var fasciculata} - KTZ <KS, NE, NM, OK>

* Colutea arborescens L. - IMF, KTZ, NNL, SFE, UTF, W&W, E

* Coronilla varia L. - Dorn01, GPF, IMF, KTZ, UTF, E/W

[Securigera varia (L.) Lassen] - NNL, SF!, W&W

Dalea

(Identification sources: _____)

Dalea albiflora Gray - NNL, M&H, KTZ, KWA, JM, not rep.
[Dalea ordiae Gray] - KTZ
[Parosela albiflora (Gray) Vail] - KWA
[Petalostemon pilosulus Rydb.] - KTZ
[Thornbera albiflora (Gray) Rydb.] - M&H
Dalea aurea Nutt. ex Pursh - Dorn01, GPF, KTZ , NNL, W&W, E
[Dalea aurea Nutt.] - HDH, SFE
Dalea candida Michx. var. oligophylla (Torr.) Shinners - Dorn01, SF!, E/W
[Dalea candida Willd. var. oligophylla (Torr.) Shinners] - W&W
[Dalea candida Michx. ex Willd. var. oligophylla (Torr.) Shinners] - GPF, IMF, KTZ
[Dalea occidentalis (Britton & Kearney) Isely] - NNL
[Dalea oligophylla (Torr.) Shinners] - UTF
[Petalostemon candidus Michx. var. oligophyllus (Torr.) Hermann] - HDH
Dalea cylindriceps Barneby - Dorn01, GPF, KTZ, NNL, SFE, W&W, E
[Petalostemon compactus (Spreng.) Swezey] - HDH
Dalea enneandra Nutt. - Dorn01, GPF, HDH, KTZ, NNL, SFE, W&W, E
Dalea formosa Torr. - GPF, HDH, KTZ, NNL, SFE, W&W, E
Dalea jamesii (Torr.) Torr. & A. Gray - GPF, HDH, KTZ, NNL, SFE, W&W, E
Dalea lanata Spreng. var. lanata - IMF, KTZ, NNL, UTF, E
[Dalea lanata Spreng.] - GPF, HDH, SFE, W&W
Dalea lanata Spreng. var. terminalis (M. E. Jones) Barneby - IMF, KTZ, NNL, UTF, E
[Dalea lanata Spreng.] - SFE, W&W[1]
Dalea leporina (Aiton) Bullock - GPF, KTZ, NNL, SFE, W&W, E
[Dalea leporina (Aiton) Kearney & Peebles var. alba (Michx.) Harrington] - HDH
Dalea multiflora (Nutt.) Shinners - GPF, KTZ, NNL, SFE, W&W, E
Dalea nana Torr. var. carnescens (Rydb.) Kearney & Peebles - HDH, W&W, *Hazlett 10763* (COLO)
[Dalea nana Torr. ex A. Gray var. carnescens (Rydb.) Kearney & Peebles] - KTZ <AZ, NM>, NNL
Dalea nana Torr. & A. Gray var. nana - KTZ, E
[Dalea nana Torr.] - SFE
[Dalea nana Torr. ex A. Gray] - GPF
[Dalea nana Torr. var nana] - HDH, W&W
[Dalea nana Torr. ex A. Gray var nana] - NNL
Dalea polygonoides A. Gray - Kartesz (pers.comm. 2008), Legler (pers. comm. 2009) [NS - confirmed now for Mora and Colfax cos., NM]
Dalea purpurea Vent. var. arenicola (Wemple) Barneby - GPF <CO>, KTZ, NNL
Dalea purpurea Vent. var. purpurea - GPF, KTZ, NNL, E
[Dalea purpurea Vent.] - Dorn01, SFE, W&W
[Petalostemon purpureum (Ventenat) Rydb var. pubescens (A. Nelson) Harrington] - HDH
[Petalostemon purpureum (Ventenat) Rydb var. purpureum] - HDH
Dalea tenuifolia (A. Gray) Shinners - GPF, KTZ, NNL, SFE, W&W, E
Dalea villosa (Nutt.) Spreng. var. villosa - KTZ, NNL, E
[Dalea villosa Spreng.] - W&W
[Dalea villosa (Nutt.) Spreng.] - Dorn01, GPF, SFE
[Petalostemon villosus Nutt.] - HDH

Desmanthus cooleyi (Eat.) Trel. - GPF, HDH, KTZ, NNL, SFE, W&W, E
✣ Desmanthus illinoensis (Michx.) MacMill. ex B. L. Rob. & Fernald - KTZ, NNL, W&W[1], E

[WJ - seen in roadside ditches, Bent and Otero cos., apparently introduced]
[Desmanthus illinoensis (Michx.) MacMill.] - GPF, HDH, SFE, UTF, W&W

Desmodium obtusum (Muhl. ex Willd.) DC. - GPF, KTZ
[Desmodium obtusum (Willd) DC.] - NNL
[Desmodium rigidum (Elliott) DC.] - W&W

Galega officinalis L. - IMF, KTZ, NNL, UTF

✣ Gleditsia triacanthos L. - Dorn01, GPF, IMF, KTZ, NNL

Glycyrrhiza lepidota Pursh - Dorn01, HDH, KTZ, SF!, UTF, W&W
[Glycyrrhiza lepidota Nutt. ex Pursh] - E/W
[Glycyrrhiza lepidota Nutt. ex Pursh var. glutinosa (Nutt.) S. Watson] - RMC, NNL
[Glycyrrhiza lepidota Nutt. ex Pursh var. glutinosa (Nutt. ex Torr. & A. Gray)S. Watson] - IMF
[Glycyrrhiza lepidota Pursh var. glutinosa (Nutt.) S. Watson] - GPF
[Glycyrrhiza lepidota Nutt. ex Pursh var. lepidota] - IMF, RMC
[Glycyrrhiza lepidota Pursh var. lepidota] - GPF, NNL

Hedysarum alpinum L. var. philoscia (A. Nels.) Rollins - NNL
[Hedysarum alpinum L. var. americanum Michx] - Dorn01, KTZ
Hedysarum boreale Nutt. var. boreale - Dorn01, GPF, IMF, NNL, UTF, E/W
[Hedysarum boreale Nutt.] - HDH, SF!, W&W
[Hedysarum boreale Nutt. var. boreale] - IMF, UTF
[Hedysarum boreale Nutt. subsp. boreale var. boreale] - KTZ
Hedysarum boreale Nutt. var. cinerascens (Rydb.) Rollins - NNL
[Hedysarum boreale Nutt. subsp. boreale var boreale] - KTZ
[Hedysarum boreale Nutt.] - GPF, SF!
[Hedysarum boreale Nutt. var. boreale] - IMF, UTF
Hedysarum boreale Nutt. var. pabulare (A. Nels.) Dorn - Dorn01
Hedysarum occidentale Greene - Dorn01, HDH, IMF, NNL, SF!, W&W, E/W
[Hedysarum occidentale Greene var. canone S. L. Welsh] - KTZ
[Hedysarum occidentale Greene var. occidentale] - KTZ, UTF

Hoffmanseggia drepanocarpa A. Gray - GPF, HDH, NNL, SFE, W&W, Simpson99, E
[Caesalpinia drepanocarpa (A. Gray) E. Fisher] - IMF, KTZ
Hoffmanseggia glauca (Ortega) Eifert - GPF, KTZ, NNL, SFE, W&W, Simpson99, E
[Hoffmanseggia densiflora Benth.] - HDH
Hoffmanseggia repens (Eastw.) Cockerell - NNL, Simpson99
[Caesalpinia repens Eastw.] - IMF, KTZ, UTF <CO>

Lathyrus

(Identification sources: _____)

Lathyrus brachycalyx Rydb. var. zionensis (C. L. Hitchc.) S. L. Welsh - IMF, NNL, SFW, UTF, W&W,W
[Lathyrus brachycalyx Rydb subsp zionis (C. L. Hitchc) S. L. Welsh] - KTZ,

Lathyrus eucosmus Butters & H. St. John - Dorn01, HDH, IMF, KTZ, NNL, SF!, W&W, E/W
Lathyrus laetivirens Greene ex Rydb. - IMF, KTZ, E/W
[Lathyrus lanszwertii Kellogg var. laetivirens (Greene) S. L. Welsh] - UTF
[Lathyrus lanszwertii Kellogg var. laetivirens (Rydb) S. L. Welsh] - NNL
[Lathyrus leucanthus Greene] - SFW
[Lathyrus leucanthus Rydb.] - SFE, W&W
Lathyrus lanszwertii Kellogg var. lanszwertii - Dorn01, IMF, KTZ, NNL, UTF
Lathyrus lanszwertii Kellogg var. leucanthus (Rydb.) Dorn - Dorn01, IMF, KTZ, UTF, E/W
[Lathyrus arizonicus Britton] - HDH
[Lathyrus lanszwertii Kellogg var. arizonicus (Britton) S. L. Welsh] - NNL
[Lathyrus leucanthus Greene] - SFW
[Lathyrus leucanthus Rydb.] - HDH, SFE, W&W
* Lathyrus latifolius L. - GPF, IMF, KTZ, NNL, SF!, UTF, W&W, E/W
Lathyrus pauciflorus Fernald var. utahensis (M. E. Jones) R. Davis - IMF, W
[Lathyrus pauciflorus Fernald] - HDH, SFW, W&W
[Lathyrus pauciflorus Fernald var. utahensis (M. E. Jones) Piper ex M. Peck] - KTZ
[Lathyrus pauciflorus Fernald var. utahensis (M. E. Jones) Piper ex R. J. Davis] - NNL
[Lathyrus pauciflorus Fernald var. utahensis (M. E. Jones) M. Peck] - UTF
Lathyrus polymorphus Nutt. var. incanus (J. G. Sm. & Rydb. ex Rydb.) Dorn - Dorn01, E
[Lathyrus polymorphus Nutt. subsp. incanus (J. G. Sm. & Rydb.) C. L. Hitchc.] - GPF, HDH, KTZ, SFE, W&W
[Lathyrus polymorphus Nutt. var. incanus (J. G. Sm. & Rydb.) Isely] - NNL
Lathyrus polymorphus Nutt. var. polymorphus - Dorn01, NNL
[Lathyrus polymorphus Nutt. subsp. polymorphus] - GPF, HDH, W&W
[Lathyrus polymorphus Nutt. subsp. polymorphus var. polymorphus] - KTZ
*Lathyrus sylvestris L. - KTZ, UTF3
[NS - one naturalized collection at GREE from Boulder CO, naturalized in several other western states (MT, WY, UT, ID, WA, OR)]

* Lotus corniculatus L. - Dorn01, GPF, IMF, KTZ, NNL, UTF
{Lotus purshianus (Benth.) Clem. & E. G. Clem.} - HDH, rep.
{Lotus purshianus Clem. & E. G. Clem} - GPF
{Lotus purshianus (Benth. ex Lindl.) Clem. & E. G. Clem.} - IMF
{Lotus purshianus (Benth. ex Lindl.) Clem. & E. G. Clem. ex Ottley} - NNL
{Lotus unifoliolatus (Hook.) Benth. var. unifoliolatus} - KTZ <AZ, KS, NE, OK,WY
* Lotus tenuis Waldst. & Kit. ex Willd. - GPF, IMF, KTZ, E/W
[Lotus corniculatus L.] - NNL
[Lotus glaber Mill.] - Kirkbride06
[Lotus tenuis Kit.] - UTF
[Lotus tenuis Waldst. & Kit.] - SF!, W&W
Lotus wrightii (A. Gray) Greene - HDH, IMF, KTZ, NNL, SF!, UTF, W&W, E/W

Lupinus

(Identification sources: _____)

Lupinus argenteus Pursh var. argenteus - Dorn01, GPF, IMF, NNL, UTF, E/W
[Lupinus argenteus Pursh] - HDH, SFW, W&W
[Lupinus argenteus Pursh subsp. argenteus] - SFE
[Lupinus argenteus Pursh subsp. argenteus var. argenteus] - KTZ
[Lupinus argenteus Pursh subsp. spatulatus (Rydb.) L. W. Hess & D. B. Dunn] - KTZ
Lupinus argenteus Pursh var. argophyllus (A. Gray) S. Watson - Dorn01, IMF, E/W
[Lupinus aduncus Greene] - HDH

[Lupinus caudatus Kellogg] - SF!, W&W
[Lupinus caudatus Kellogg subsp. argophyllus (A. Gray) L. LI. Phillips] - KTZ, SFW
[Lupinus caudatus Kellogg var. argophyllus (A. Gray) S. L. Welsh] - NNL, UTF

Lupinus argenteus Pursh var. fulvomaculatus (Payson) Barneby - IMF, NNL, UTF, E
[Lupinus argenteus Pursh] - W&W
[Lupinus argenteus Pursh subsp. ingratus (Greene) Harmon] - KTZ, SFE

{Lupinus argenteus Pursh var. heteranthus (S. Watson) Barneby} - IMF, E
{Lupinus caudatus Kellogg} - GPF, SFE, W&W
{Lupinus caudatus Kellogg subsp. caudatus} - KTZ
{Lupinus caudatus Kellogg var. caudatus} - NNL
{Lupinus caudatus Kellogg var. cutleri (Eastw.) S. L. Welsh} - UTF
{Lupinus greenei A. Nelson} - HDH

Lupinus argenteus Pursh var. holosericeus (Nutt. ex Torr. & A. Gray) Barneby - IMF
[Lupinus argenteus Pursh var. holosericeus (Nutt.) Barneby] - NNL
[Lupinus holosericeus Nutt.] - KTZ

Lupinus argenteus Pursh var. laxiflorus (Douglas ex Lindl.) Dorn - Dorn01
[Lupinus argenteus Pursh subsp. argenteus var. laxiflorus (Douglas ex Lindl.) Dorn] - KTZ

Lupinus argenteus Pursh var. moabensis S. L. Welsh - IMF, UTF
[Lupinus argenteus Pursh] - W&W
[Lupinus argenteus Pursh subsp. moabensis D. B. Dunn & Harmon] - KTZ
[Lupinus argenteus Pursh var. moabensis Harmon & D. B. Dunn ex S. L. Welsh] - NNL

Lupinus argenteus Pursh var. parviflorus (Nutt. ex Hook. & Arn.) C. L. Hitchc. - IMF, E/W
[Lupinus argenteus Pursh] - W&W
[Lupinus argenteus Pursh var. myrianthus (Greene) Isely] - NNL
[Lupinus argenteus Pursh var. parviflorus (Hook & Arn.) C. L. Hitchc.] - NNL
[Lupinus argenteus Pursh var. parviflorus (Nutt.) C. L. Hitchc.] - GPF, UTF
[Lupinus parviflorus Nutt] - SFW
[Lupinus parviflorus Nutt. ex Hook. & Arn.] - HDH
[Lupinus parviflorus Nutt ex Hook. & Arn. subsp. floribundus (Greene) Harmon] - KTZ
[Lupinus parviflorus Nutt subsp. myrianthus (Greene) Harmon var. myrianthus] - KTZ
[Lupinus parviflorus Nutt. var. myrianthus (Greene) Harmon] - SFE
[Lupinus parviflorus Nutt ex Hook. & Arn. subsp. myrianthus (Greene) Harmon var myrianthus] - KTZ
[Lupinus parviflorus Nutt. subsp. parviflorus] - W&W[1]
[Lupinus parviflorus Nutt ex Hook. & Arn. subsp. parviflorus] - KTZ

Lupinus argenteus Pursh var. rubricaulis (Greene) S. L. Welsh - Dorn01, IMF, NNL, UTF
[Lupinus X alpestris A. Nelson] - KTZ
[Lupinus argenteus X L. caudatus] - KTZ
[Lupinus argenteus Pursh] - HDH, W&W
[Lupinus argenteus Pursh subsp. rubricaulis (Greene) L. W. Hess & D. B. Dunn] - KTZ
[Lupinus depressus Rydb.] - KTZ

Lupinus argenteus Pursh var. utahensis (S. Watson) Barneby - IMF <CO>
[Lupinus caudatus Kellogg] - W&W[1]
[Lupinus caudatus Kellogg subsp caudatus] - KTZ
[Lupinus caudatus Kellogg var utahensis (S Watson) S. L. Welsh] - NNL, UTF

{Lupinus barbiger S. Watson} - HDH, KTZ <AZ, UT>, W&W, misapp.
{Lupinus sericeus Pursh} - IMF
{Lupinus sericeus Pursh var. barbiger (S. Watson) S. L. Welsh} - NNL, UTF

Lupinus brevicaulis S. Watson - HDH, IMF, KTZ, NNL, SFW, UTF, W&W, W

Lupinus kingii S. Watson - HDH, IMF, NNL, SF!, W&W, E/W
[Lupinus kingii S. Watson var. kingii] - KTZ, UTF
[Lupinus kingii S. Watson var. argillaceus (Wooton & Standl) C. P. Sm.] - HDH rep , KTZ

Lupinus lepidus Douglas ex Lindl. var. utahensis (S. Watson) C. L. Hitchc. - Dorn01, NNL, E/W
[Lupinus caespitosus Nutt.] - HDH, W&W
[Lupinus caespitosus Nutt. var. utahensis (S. Watson) Cox] - KTZ

[Lupinus lepidus Douglas subsp. caespitosus (Nutt.) Detling] - SF!, W&W[1]
[Lupinus lepidus Douglas var. utahensis (S. Watson) C. L. Hitchc.] - IMF, UTF

Lupinus neomexicanus Greene - NNL, KWA, M&H, KTZ, JM, not rep.
[Lupinus blumeri Greene] - KTZ

Lupinus plattensis S. Watson - Dorn01, GPF, HDH, IMF, KTZ, NNL, SFE, W&W, E

Lupinus polyphyllus Lindl. var. ammophilus (Greene) Barneby - IMF, UTF, W
[Lupinus ammophilus Greene] - HDH, KTZ, SFW, W&W
[Lupinus ammophilus Greene var. ammophilus] - NNL
[Lupinus ammophilus Greene var. crassus (Payson) Isely] - NNL
[Lupinus crassus Payson] - KTZ, SFW, W&W
[Lupinus lasalensis D. B. Dunn, unpubl.] - W&W, possibly a variety of this taxon

Lupinus polyphyllus Lindl. var. humicola (A. Nelson) Barneby - Dorn01, IMF, NNL, UTF, W
[Lupinus humicola A. Nelson] - HDH
[Lupinus polyphyllus Lindl.] - W&W[1]
[Lupinus wyethii S. Watson] - SFW, W&W, out of range
[Lupinus wyethii S. Watson subsp. wyethii] - KTZ

Lupinus polyphyllus Lindl. var. prunophilus (M. E. Jones) L. Ll. Phillips - Dorn01, IMF, NNL, UTF, E/W
[Lupinus bakeri Greene subsp. amplus (Greene) Fleak & D. B. Dunn] - KTZ, SFW, W&W
[Lupinus polyphyllus Lindl.] - W&W[1]
[Lupinus prunophilus M. E. Jones] - KTZ, SF!, W&W

Lupinus pusillus Pursh var. intermontanus (A. Heller) C. P. Sm. - Dorn01, IMF, NNL, UTF, E/W
[Lupinus pusillus Pursh] - HDH, SF!
[Lupinus pusillus Pursh subsp. intermontanus (A. Heller) D. B. Dunn] - KTZ

Lupinus pusillus Pursh var. pusillus - Dorn01, IMF, NNL, UTF, E/W
[Lupinus pusillus Pursh] - GPF, HDH, SF!
[Lupinus pusillus Pursh subsp. pusillus] - KTZ, W&W
[Lupinus pusillus Pursh subsp. rubens (Rydb.) D. B. Dunn] - KTZ, W&W[1]
[Lupinus pusillus Pursh var. rubens (Rydb.) S. L. Welsh] - UTF

Lupinus sericeus Pursh var. sericeus - NNL, UTF, E/W
[Lupinus bakeri Greene subsp. bakeri] - KTZ, SFW, W&W
[Lupinus sericeus Pursh] - Dorn01, GPF, IMF, SFE, W&W[1]
[Lupinus sericeus Pursh subsp. sericeus var. sericeus] - KTZ
[Lupinus sericeus Pursh subsp. sericeus var. egglestonianus C. P. Sm.] - KTZ
[Lupinus sericeus Pursh subsp. sericeus var. flexuosus (Lindl. ex J. Agardh) C. P. Sm.] - KTZ
[Lupinus sericeus Pursh var. sericeus] - SFW, UTF
[Lupinus sericeus Pursh var. egglestonianus C. P. Sm.] - SFW, W&W
[Lupinus sericeus Pursh var. flexuosus (Lindl.) C. P. Sm.] - SFW, W&W

Medicago falcata L. - NNL
[Medicago sativa L. subsp. falcata (L.) Arcang.] - KTZ
[Medicago sativa L. var. falcata (L.) Doell] - Dorn01

* Medicago lupulina L. - Dorn01, GPF, HDH, IMF, KTZ, NNL, SF!, UTF, W&W, E/W

* Mediago polymorpha L. - Dorn01

* Medicago sativa L. - Dorn01, HDH, IMF, NNL, SF!, UTF, W&W, E/W
[Medicago sativa L. subsp. sativa] - GPF, KTZ

* Melilotus albus Medik. - Dorn01, NNL, SF!, W&W, E/W
[Melilotus alba Desr.] - HDH
[Melilotus alba Desr. ex Lam.] - UTF
[Melilotus alba Medik.] - GPF, IMF
[Melilotus officinalis (L.) Lam.] - KTZ

* Melilotus officinalis (L.) Pall. - Dorn01, GPF, IMF, NNL, UTF, W&W, E/W
[Melilotus officinalis (L) Lam.] - HDH, KTZ
[Melilotus officinalis (L) Pall] - SF!

Mimosa aculeaticarpa Ortega var. biuncifera (Bentham) Barneby - KWA, NNL, KTZ
[Mimosa biuncifera Benth.] - KWA, KTZ
[Mimosa biuncifera var. glabrescens Gray] - KWA, KTZ
[Mimosa biuncifera var. lindheimeri (Gray) B.L. Robins.] - KWA, KTZ
[Mimosa flexuosa Bentham] - KWA
[Mimosa lindheimeri Gray] - KWA, KTZ
[Mimosa warnockii B.L. Turner] - KWA, KTZ
[Mimosopsis biuncifera (Benth.) Britt. & Rose] - KWA, KTZ
[Mimosopsis biuncifera (Benth.) var. flexuosa (Bentham) Robinson] - KWA
[Mimosopsis flexuosa (Benth.) Britt. & Rose] - KWA
Mimosa borealis A. Gray - GPF, HDH, KTZ, NNL, SFE, W&W, E
Mimosa quadrivalvis L. var. angustata (Torr. & A. Gray) Barneby - E
[Mimosa nuttallii (DC) B. L. Turner] - KTZ
[Mimosa quadrivalvis L. var. nuttallii (DC.) L. S. Beard ex Barneby] - NNL
[Schrankia nuttallii (DC.) Standl.] - GPF, HDH
[Schrankia uncinata Willd.] - SFE, W&W
Mimosa rupertiana B. L. Turner - KTZ, E
[Mimosa quadrivalvis L. var. occidentalis (Wooton & Standl.) Barneby] - NNL
[Schrankia occidentalis (Wooton & Standl.) Standl.] - GPF, HDH, SFE, W&W

* Onobrychis viciifolia Scop. - Dorn01, GPF, HDH, IMF, KTZ, NNL, UTF, W&W

Orophaca (see **Astragalus**)

Oxytropis

(Identification sources: _____)

Oxytropis besseyi (Rydb.) Blank. var. besseyi - Dorn01, NNL
[Aragallus besseyi Rydb.] - KTZ
[Astragalus besseyi Rydb.] - KTZ
[Oxytropis nana var. besseyi (Rydb.) Isley] - KTZ
Oxytropis besseyi (Rydb.) Blank. var. fallax Barneby - Dorn01, NNL
[Oxytropis nana var. fallax (Barneby) Isley] - KTZ
Oxytropis besseyi (Rydb.) Blank. var. obnapiformis (Ced. Porter) S. L. Welsh - Dorn01, KTZ, NNL, SFW, UTF, W&W, W
[Oxytropis obnapiformis Ced Porter] - HDH
Oxytropis besseyi (Rydb.) Blank. var. ventosa (Greene) Barneby - Dorn01, NNL
[Aragallus ventosus Greene] - KTZ
[Oxytropis nana var. ventosa (Greene) Isely] - KTZ
[Oxytropis nana var. ventosus (Greene) Isley] - KTZ
Oxytropis campestris (L.) DC. var. cusickii (Greenm.) Barneby - Dorn01, IMF <CO>, KTZ, NNL, SFE, UTF, W&W, E
[Oxytropis cusickii Greenm.] - W&W[1], err. rep.
{Oxytropis campestris (L.) DC. var. glabrata Hook.} - NNL, HDH, W&W, err. rep.
{Oxytropis maydelliana Trautv.} - KTZ, W&W[1], err. rep.
Oxytropis campestris (L.) DC. var. gracilis (A. Nelson) Barneby - GPF, NNL, SF!, W&W, E/W
[Oxytropis monticola A. Gray] - KTZ, W&W[1]

Oxytropis deflexa (Pall.) DC. var. deflexa - HDH, IMF, NNL, SF!, UTF, E/W
[Oxytropis deflexa (Pall) DC. subsp deflexa] - W&W
Oxytropis deflexa (Pall.) DC. var. foliolosa (Hook.) Barneby - Dorn01, IMF, E/W
[Oxytropis deflexa (Pall) DC. subsp deflexa] - W&W
[Oxytropis deflexa (Pall) DC. var. deflexa] - NNL, SF!
Oxytropis deflexa (Pall.) DC. var. sericea Torr. & A. Gray - Dorn01, GPF, HDH, KTZ, NNL, SF!, W&W, E/W
Oxytropis lagopus Nutt. var. atropurpurea (Rydb.) Barneby - Dorn01, KTZ
Oxytropis lagopus Nutt. var. lagopus - Dorn01, KTZ
[Oxytropis lagopus Nutt.] - HDH, exp., NNL
Oxytropis lambertii Pursh var. bigelovii A. Gray - IMF, KTZ, NNL, UTF, E/W
[Oxytropis lambertii Pursh] - HDH, SF!
[Oxytropis lambertii Pursh subsp. bigelovii (A. Gray) W. A. Weber] - W&W
Oxytropis lambertii Pursh var. lambertii - GPF, IMF, KTZ, NNL, UTF, E/W
[Oxytropis lambertii Pursh] - Dorn01, HDH, SF!
[Oxytropis lambertii Pursh subsp lambertii] - W&W
Oxytropis multiceps Nutt. - Dorn01, HDH, KTZ, NNL, SFE, W&W, E
[Oxytropis multiceps Torr. & A. Gray] - GPF, IMF, UTF
♦ Oxytropis nana Nutt. - **ENDEMIC** **<WY>**, Dorn01, KTZ
[Oxytropis nana Nutt. in Torr. & A. Gray] - NNL
Oxytropis parryi A. Gray - Dorn01, HDH, IMF, KTZ, NNL, SF!, UTF, W&W, E/W
Oxytropis podocarpa A. Gray - Dorn01, HDH, KTZ, NNL, SF!, W&W, E/W
Oxytropis riparia Litv. - Dorn01, KTZ, NNL
Oxytropis sericea Nutt. var. sericea - Dorn01, GPF, IMF, KTZ, NNL, UTF, E/W
[Oxytropis sericea Nutt.] - HDH, SF!, W&W
Oxytropis sericea Nutt. var. speciosa (Torr. & A. Gray) S. L. Welsh - Dorn01
Oxytropis sericea Nutt. var. spicata (Hook.) Barneby - NNL
[Oxytropis campestris (L.) DC. var. spicata Hook] - Dorn01
Oxytropis splendens Douglas ex Hook. - Dorn01, GPF, KTZ, NNL, W&W, E/W
[Oxytropis splendens Douglas] - HDH, SF!
Oxytropis viscida Nutt. var. viscida - E/W
[Oxytropis borealis DC. var. viscida (Nutt.) S. L. Welsh] - Dorn01, KTZ, NNL, UTF, W&W[1]
[Oxytropis viscida Nutt.] - IMF, SF!
[Oxytropis viscida Nutt. ex Torr. & A. Gray] - HDH, W&W

Parryella filifolia Torr. & A. Gray ex A. Gray - IMF, KTZ, NNL, UTF, W
[Parryella filifolia Torr. & A. Gray] - HDH, SFW, W&W

Pediomelum

(Identification sources: _____)

Pediomelum argophyllum (Pursh) J. W. Grimes - Dorn01, KTZ, NNL, W&W[1], E
[Psoralea argophylla Pursh] - GPF, HDH
[Psoralidium argophyllum (Pursh) Rydb] - SFE, W&W
Pediomelum aromaticum (Payson) W. A. Weber - IMF, KTZ, SFW, W&W, W
[Pediomelum aromaticum (Payson) W. A. Weber var. aromaticum] - NNL, UTF
[Psoralea aromatica Pays.] - HDH
Pediomelum cuspidatum (Pursh) Rydb. - KTZ, NNL, SFE, W&W, E
[Psoralea cuspidata Pursh] - GPF, HDH
Pediomelum digitatum (Nutt. ex Torr. & A. Gray) Isely - Dorn01, KTZ, E

[Pediomelum digitatum (Nutt.) Isely] - NNL, W&W[1]
[Psoralea digitata Nutt.] - GPF, HDH
[Psoralidium digitatum (Nutt.) Rydb.] - SFE, W&W

Pediomelum esculentum (Pursh) Rydb. - Dorn01, KTZ, NNL, SFE, W&W, E
[Psoralea esculenta Pursh] - GPF, HDH

Pediomelum hypogaeum (Nutt. ex Torr. & A. Gray) Rydb. var. hypogaeum - Dorn01, KTZ, E
[Pediomelum hypogaeum (Nutt.) Rydb] - SFE
[Pediomelum hypogaeum (Nutt. ex Torr. & A. Gray) Rydb] - W&W
[Pediomelum hypogaeum (Nutt.) Rydb. var. hypogaeum] - NNL
[Psoralea hypogaea Nutt.] - GPF, HDH
[Psoralea hypogaea Nutt. var. hypogaea] - GPF

Pediomelum linearifolium (Torr. & A. Gray) J. W. Grimes - Dorn01, KTZ, NNL, E
[Psoralea linearifolia Torr. & A. Gray] - GPF, HDH
[Psoralidium linearifolium (Torr. & A. Gray) Rydb.] - SFE, W&W

Pediomelum megalanthum (Wooton & Standl.) Rydb. var. megalanthum - IMF, KTZ, NNL,W
[Pediomelum megalanthum (Wooton & Standl.) Rydb] - SFW, UTF, W&W
[Psoralea megalantha Wooton & Standl.] - HDH

Petalostemon (see **Dalea**)

Peteria scoparia A. Gray - FCF

* Phaseolus vulgaris L. - NNL
[Phaseolus vulagris L. var. humilis Alef.] - Dorn01, KTZ

Pomaria jamesii (Torr. & A. Gray) Walp. - Simpson98, E
[Caesalpinia jamesii (Torr. & A. Gray) E Fisher] - GPF, KTZ, NNL, SFE, W&W
[Hoffmanseggia jamesii Torr. & A. Gray] - HDH

Prosopis glandulosa Torr. var. glandulosa - IMF, KTZ, NNL, UTF, E
[Prosopis glandulosa Torr.] - GPF, SFE, W&W

Psoralea (see **Pediomelum, Psoralidium**)

Psoralidium (see also **Pediomelum**)

Psoralidium lanceolatum (Pursh) Rydb. - Dorn01, IMF, KTZ, NNL, SF!, W&W, E/W
[Psoralea lanceolata Pursh] - GPF, HDH
[Psoralidium lanceolatum (Pursh) Rydb var. lanceolatum] - UTF

Psoralidium tenuiflorum (Pursh) Rydb. - Dorn01, IMF, KTZ, NNL, SF!, UTF, W&W, E/W
[Psoralea tenuiflora Pursh var. bigelovii (Rydb.) J. F. Macbr.] - HDH
[Psoralea tenuiflora Pursh var. tenuiflora] - GPF, HDH

Psorothamnus scoparius Rydb. - (*Vincent 9956+*, GREE)
[Dalea scoparius A. Gray]

Psorothamnus thompsoniae (Vail) S. L. Welsh & Atwood var. whitingii (Kearney & Peebles) Barneby - IMF, KTZ
[Psorothamnus thompsonae (Vail) S. L. Welsh & Atwood var. whitingii (Kearney & Peebles) Barneby] - NNL, UTF

* Robinia hispida L. var. hispida - KTZ, NNL
[Robinia hispida L.] - GPF, UTF

Robinia X holdtii Beissn. - KTZ, NNL
[Robinia neomexicana X R pseudoacacia] - KTZ
✣ Robinia neomexicana A. Gray var. neomexicana - IMF, KTZ, NNL, E/W
[Robinia neomexicana A Gray] - Dorn01, HDH, SF!, UTF, W&W
✣ Robinia pseudoacacia L. - Dorn01, GPF, HDH, IMF, KTZ, NNL, SF!,UTF, W&W, E/W
[Robinia pseudo-acacia L.] - W&W[1]

Schrankia (see **Mimosa**)

Securigera (see **Coronilla**)

Senna roemeriana (Scheele) Irwin - KWA, KTZ
[Cassia roemeriana Scheele] - KTZ, M&H
[Earleocassia roemeriana (Scheele) Britt] - M&H
[Senna roemeriana (Scheele) Irwin & Barneby] - NNL

Sophora nuttalliana B. L. Turner - Dorn01, GPF, IMF, KTZ, NNL, UTF, E/W
[Sophora sericea Nutt.] - HDH
[Vexibia nuttalliana (B. L. Turner) W. A. Weber] - SF!, W&W

✻ Sphaerophysa salsula (Pall.) DC. - Dorn01, GPF, IMF, KTZ, NNL, SF!,UTF, W&W, E/W
[Swainsona salsula (Pall.) Taubert] - HDH

Strophostyles leiosperma (Torr. & A. Gray) Piper - GPF, HDH, KTZ, NNL, SFE, W&W, E

Swainsona (see **Sphaerophysa**)

Thermopsis montana Nutt. var. divaricarpa (A. Nelson) Dorn - E/W
[Thermopsis divaricarpa A. Nelson] - Dorn01, HDH, KTZ, SF!, W&W
[Thermopsis rhombifolia (Nutt. ex Pursh) Richards.] - W&W[1]
[Thermopsis rhombifolia Nutt ex Richardson var. divaricarpa (A Nelson) Isely] - GPF
[Thermopsis rhombifolia (Pursh) Richardson var divaricarpa (A Nelson) Isely] - NNL
Thermopsis montana Nutt. var. montana - KTZ, E/W
[Thermopsis montana Nutt.] - Dorn01, SF!, UTF
[Thermopsis montana Nutt. ex Torr. & A. Gray] - HDH, W&W
[Thermopsis rhombifolia (Nutt ex Pursh) Richardson var. montana (Nutt. ex Torr & A. Gary) Isely] - IMF
[Thermopsis rhombifolia (Pursh) Richardson var. montana (Nutt) Isely] - IMF, NNL
Thermopsis rhombifolia (Nutt. ex Pursh) Nutt. ex Richardson var. annulocarpa (A. Nelson) L. O. Williams - Dorn01
[Thermopsis rhombifolia (Nutt ex Pursh) Richardson] - W&W
[Thermopsis rhombifolia (Nutt ex Pursh) Nutt. ex Richardson] - KTZ
Thermopsis rhombifolia (Nutt. ex Pursh) Nutt. ex Richardson var. ovata (B. L. Rob. ex Piper) Isely
[Thermopsis gracilis T. J. Howell var. ovata (B. L. Rob. ex Piper) Mendenhall] - KTZ
[Thermopsis rhombifolia (Pursh) Richardson var. ovata (Piper) Isely] - NNL
[Thermopsis rhombifolia (Nutt. ex Pursh) Richardson var. ovata (B. L. Rob. ex Piper) Isely] - IMF <CO>
Thermopsis rhombifolia (Nutt. ex Pursh) Nutt. ex Richardson var. rhombifolia - Dorn01, E/W
[Thermopsis arenosa A Nelson] - HDH
[Thermopsis rhombifolia (Nutt) Richardson] - SF!
[Thermopsis rhombifolia (Nutt ex Pursh) Richardson] - W&W
[Thermopsis rhombifolia Nutt ex Richardson] - HDH, UTF
[Thermopsis rhombifolia (Nutt ex Pursh) Nutt. ex Richardson] - KTZ

[Thermopsis rhombifolia Nutt. ex Richardson var. rhombifolia] - GPF
[Thermopsis rhombifolia (Nutt. ex Pursh) Richardson var. rhombifolia] - IMF
[Thermopsis rhombifolia (Pursh) Richardson var. rhombifolia] - IMF, NNL

Trifolium

(Identification sources: _____)

Trifolium andinum Nutt. var. andinum - IMF, KTZ, NNL, W
[Trifolium andinum Nutt.] - Dorn01, SFW, UTF, W&W
Trifolium attenuatum Greene - KTZ, NNL, SF!, W&W, E/W
[Trifolium dasyphyllum Torr. & A. Gray] - HDH
♦ Trifolium brandegeei S. Watson - **ENDEMIC <CO, NM>,** HDH, KTZ, NNL, SF!, W&W, E/W
✻ Trifolium campestre Schreeber - Dorn01, KWA, KTZ, NNL
[Trifolium procumbens L. 1755, non 1753] - KTZ
Trifolium dasyphyllum Torr. & A. Gray var. dasyphyllum - NNL
[Trifolium dasyphyllum Torr. & A. Gray] - Dorn01, HDH, IMF, SF!, W&W, E/W
[Trifolium dasyphyllum Torr. & A. Gray subsp. dasyphyllum] - KTZ
Trifolium dasyphyllum Torr. & A. Gray var. anemophilum (Greene) J. S. Martin ex Isley - Smith09?
[Trifolium anemophilum Greene] - KTZ
[Trifolium dasyphyllum var. anemophilum (Greene) J S. Matin ex Isely] - KTZ
[Trifolium scariosum A. Nels] - KTZ
✻ Trifolium fragiferum L. - Dorn01, HDH, IMF, KTZ, NNL, SF!,UTF,W&W, E/W
[Trifolium fragiferum L. subsp. fragiferum] - GPF
Trifolium gymnocarpum Nutt. var. gymnocarpum - Dorn01, HDH, NNL, E/W
[Trifolium gymnocarpon Nutt.] - SF!, UTF, W&W
[Trifolium gymnocarpum Nutt. ex Torr. & A. Gray] - IMF
[Trifolium gymnocarpum Nutt. subsp. gymnocarpum] - KTZ
[Trifolium gymnocarpum Nutt. var. subacaulescens (A. Gray) A. Nelson] - HDH
{Trifolium gymnocarpum Nutt. var. plummerae (S. Watson) J. S. Martin} - NNL, E/W
{Trifolium gymnocarpon Nutt.} - SF!, UTF, W&W
{Trifolium gymnocarpon Nutt. ex Torr. & A. Gray} - IMF
{Trifolium gymnocarpum Nutt. subsp. plummerae (S. Watson) J. M. Gillett} - KTZ
✻ Trifolium hybridum L. - Dorn01, HDH, IMF, KTZ, NNL, SF!, UTF, W&W, E/W
[Trifolium hybridum L. subsp. elegans (Savi) Asch. & Graebn.] - GPF
Trifolium kingii S. Watson var. kingii - W, IMF, UTF
[Trifolium kingii S. Watson] - NNL, SFW, W&W
[Trifolium kingii S. Watson subsp kingii] - KTZ
{Trifolium kingii S. Watson var. macilentum (Greene) Isely} -W
{Trifolium kingii S. Watson} - SFW, W&W
{Trifolium kingii S. Watson subsp. macilentum (Greene) J. M. Gillett}-KTZ <AZ,UT>
{Trifolium macilentum Greene} - HDH, IMF
{Trifolium macilentum Greene var. macilentum} - NNL, UTF
Trifolium longipes Nutt. var. neurophyllum (Greene) J. S. Martin ex Isley - KWA, NNL
[Trifolium neurophyllum Greene] - KTZ
[Trifolium rusbyi subsp. neurophyllum (Greene) Heller & Zoh.] - KWA, KTZ
Trifolium longipes Nutt. var. reflexum A. Nelson - Dorn01, IMF, NNL, UTF, E/W
[Trifolium longipes Nutt.] - SF!
[Trifolium longipes Nutt. subsp. reflexum (A. Nelson) J. M Gillett] - KTZ
[Trifolium rusbyi Greene subsp reflexum (A Nelson) A. Heller & Zohary] - W&W

Trifolium longipes Nutt. var. rusbyi (Greene) Harrington - HDH, IMF, NNL, UTF, E/W
[Trifolium longipes Nutt.] - SF!
[Trifolium longipes Nutt. var. longipes] - HDH <nw. NA.>, NNL
[Trifolium longipes Nutt. subsp. pygmaeum (A. Gray) J. M Gillett] - KTZ
[Trifolium rusbyi Greene subsp rusbyi] - W&W
Trifolium nanum Torr. - Dorn01, HDH, IMF, KTZ, NNL, SF!, UTF, W&W, E/W
Trifolium parryi A. Gray var. parryi - Dorn01, NNL, E/W
[Trifolium parryi A. Gray] - HDH, IMF, SF!, W&W
[Trifolium parryi A. Gray subsp. parryi] - KTZ
[Trifolium parryi A. Gray subsp. salictorum (Greene ex Rydb.) J. M. Gillett] - KTZ
[Trifolium salictorum Greene] - SF!
[Trifolium salictorum Greene ex Rydb., nom. nudum] - W&W
* Trifolium pratense L. var. pratense - Dorn01, IMF, E/W
[Trifolium pratense L.] - GPF, HDH, KTZ, SF!, UTF, W&W
* Trifolium repens L. - Dorn01, GPF, HDH, IMF, KTZ, NNL, SF!, UTF, W&W, E/W
Trifolium wormskjoldii Lehm. var. arizonicum (Greene) Barneby - IMF, NNL, UTF <AZ, UT>
[Trifolium fendleri Greene] - HDH
[Trifolium mucronatum Willd. subsp. lacerum (Greene) J. M. Gillett] - W&W[1], misapp.
[Trifolium mucronatum Willd. ex Spreng. subsp. lacerum (Greene) J. M. Gillett] - KTZ
[Trifolium wormskioldii Lehm.] - W&W
Trifolium wormskjoldii Lehm. var. wormskjoldii - IMF, NNL, UTF, E/W
[Trifolium fendleri Greene] - HDH
[Trifolium wormskioldii Lehm] - Dorn01, KTZ, SF!, W&W

Vexibia (see **Sophora**)

Vicia

(Identification sources: _____)

Vicia americana Muhl. ex Willd. var. americana - Dorn01, GPF, IMF, NNL, UTF, W&W, E/W
[Vicia americana Muhl ex Willd.] - HDH
[Vicia americana Muhl subsp americana] - SFE
[Vicia americana Muhl ex Willd. subsp. americana] - KTZ
[Vicia americana Muhl] - SFW
Vicia americana Muhl. ex Willd. var. minor Hook. - Dorn01, GPF, IMF, NNL, UTF, W&W, E
[Vicia americana Muhl. subsp. minor (Hook.) A. Löve & D. Löve] - SFE
[Vicia americana Muhl. ex Willd. subsp. minor (Hook.) C. R. Gunn] - KTZ
[Vicia linearis (Nutt.) Greene] - W&W[1]
[Vicia americana Muhl.] - SFW
* {Vicia cracca L.} - HDH, exp., NNL
{Vicia cracca L. subsp. cracca} - KTZ <UT, WY>
Vicia ludoviciana Nutt. var. ludoviciana - E/W
[Vicia exigua Torr. & A. Gray] - GPF
[Vicia ludoviciana Nutt.] - IMF, UTF
[Vicia ludoviciana Nutt. subsp. ludoviciana] - KTZ, NNL
[Vicia ludoviciana Nutt. var. texana (Torr. & A. Gray) Shinners] - SF!, W&W
[Vicia producta Rydb.] - HDH
* Vicia sativa L. var. nigra L. - E
[Vicia angustifolia L.] - W&W
[Vicia angustifolia (L.) Reichard] - SFE
[Vicia sativa L. var. angustifolia L.] - GPF, IMF
[Vicia sativa L. subsp. nigra (L.) Ehrh.] - KTZ, NNL

* Vicia villosa Roth - Dorn01, HDH, SF!, W&W, E/W
[Vicia villosa Roth subsp villosa] - KTZ
[Vicia villosa Roth var. villosa] - GPF, IMF, NNL, UTF

Fagaceae - FAG

Quercus

(Identification sources: _____)

{Quercus ajoensis C. H. Muller} - FNA <AZ>, KTZ, W&W, W
{WJ - based on misid of Q turbinella}
{Quercus ajoënsis C. H Muller} - SFW
{Quercus carmenensis C. H. Muller} - FNA, KTZ, WJ
Quercus gambelii Nutt. - Dorn01, FNA, GPF, HDH, SF!, W&W, E/W
[Quercus gambelii Nutt. var. gambelli] - KTZ, UTF
[Quercus X pauciloba Rydb.] - KTZ, UTF
[Quercus gambellii X Q. turbinella] - KTZ
[Quercus vreelandii Rydb.] - HDH
[Quercus x pauciloba Rydb.] - FCF
Quercus grisea Liebm. - FNA, KTZ, SFE, W&W, E
[WJ - occurs in Baca and Las Animas cos, CO, despite map in FNA]
Quercus havardii Rydb. - FCF, FNA, GPF, W
[WJ - plants from the Four Corners area are hybrids of Q. gambellii and Q turbinella; NS - close to entering our area from the southeast as well]
[Quercus X eastwoodiae Rydb.)] - Tucker70 and UTF are in error
[Quercus havardii Rydb. var. tuckeri S. L. Welsh] - KTZ, SFW, UTF, W&W
Quercus pungens Liebm. - FNA, HDH rep., KTZ, *Hazlett 11781* (Harding Co., NM, [GREE])
[Records apply to hybrids between Quercus grisea X Q. gambelii, W&W]
[Quercus venustula Greene] - HDH, rep.
Quercus turbinella Greene - FNA, HDH, KTZ, SF!, UTF, W&W, E/W
Quercus X undulata Torr. - FNA; Tucker71, E
[Quercus gambelii X Q. grisea] - WJ, W&W
[Quercus gambelii X Q. turbinella] - KTZ
[Quercus fendleri Lieb.] - HDH
[Quercus undulata Torr.] - GPF, GPF, HDH, SFE

Frankeniaceae - FNK

Frankenia jamesii Torr. ex A. Gray - KTZ, W&W, E/W
[Frankenia jamesii Torr.] - HDH, SF!, UTF

Fumariaceae (see **PAP**)

Gentianaceae - GEN

Centaurium calycosum (Buckley) Fernald - KWA, KTZ, M&H
[Centaurium calycosum (Buckley) Fernald var. arizonicum (A. Gray) Tidestr.] - HDH
[Centaurium calycosum var. nanum (Gray) B.L. Robins.] - KTZ
[Zeltnera calyca (Buckley) Mansion]

Centaurium exaltatum (Griseb.) W. Wight ex Piper - Dorn01, GPF, IMF, KTZ, UTF, W&W, W
[Centaurium exaltatum (A. Gray) Tidestr] - SFW
[Centaurium exaltatum (Griseb.) W Wight] - HDH, exp.
Centaurium pulchellum (Sw.) Druce - GPF, IMF, KTZ<NE>, SFE, W&W[1], E
[Centaurium pulchellum (Sw.) Druce ex B. L. Rob & Fernald] - Dorn01

Chondrophylla (see **Gentiana**)

Comastoma (see **Gentianella**)

Eustoma grandiflorum (Raf.) Shinners - Dorn01, GPF, SFE, W&W, E
[Eustoma exaltatum (L.) Salisb. ex G. Don subsp. russellianum (Hook.) Kartesz] - KTZ
[Eustoma russellianum (Hook.) Griseb.] - HDH

Frasera albomarginata S. Watson var. albomarginata - IMF, W
[Frasera albomarginata S Watson] - KTZ, SFW, W&W
[Swertia albomarginata (S. Watson) Kuntze] - HDH, UTF
◆Frasera coloradensis (C. M. Rogers) D. M. Post - **ENDEMIC** <CO>, KTZ, SFE, W&W, E
[Swertia coloradensis C. M. Rogers] - HDH
Frasera paniculata Torr. - IMF, KTZ, W&W, W
[Frasera paniculata S. Watson] - SFW
[Swertia utahensis (M. E Jones) H. H St John] - UTF
Frasera speciosa Douglas ex Griseb. - Dorn01, IMF, KTZ, W&W, E/W
[Frasera speciosa Douglas] - SF!
[Swertia radiata (Kellogg) Kuntze] - GPF, UTF
[Swertia radiata (Kellogg) Kuntze var. radiata] - HDH
[Swertia radiata (Kellogg) Kuntze var. macrophylla (Greene) H. St. John] - HDH

Gentiana

(Identification sources: _____)

Gentiana (see also **Gentianella, Gentianopsis;** Yuan96)
Gentiana affinis Griseb. - GPF, HDH, IMF, KTZ, UTF, E/W
[Gentiana affinis Griseb var affinis] - RMC
[Gentiana forwoodii A. Gray] - HDH
[Pneumonanthe affinis (Griseb.) Greene] - SF!, W&W
Gentiana algida Pall. - Dorn01, IMF, KTZ, UTF, E/W
[Gentiana romanzovii Ledeb.] - HDH
[Gentianodes algida (Pall.) A. Löve & D. Löve] - SF!, W&W
Gentiana andrewsii Griseb. var. andrewsii - PC, KTZ
[Gentiana andrewsii Griseb] - GPF, HDH
[Pneumonanthe andrewsii (Griseb.) W. A Weber] - W&W
Gentiana aquatica L. - Dorn01, E/W
[Chondrophylla aquatica (L.) W. A. Weber] - SF!, W&W
[Gentiana fremontii Torr] - HDH, KTZ
Gentiana bigelovii A. Gray - HDH, E
[Gentiana affinis Griseb.] - KTZ
[Gentiana affinis Griseb. var. bigelovii (A. Gray) Kusn.] - Dorn01
[Pneumonanthe bigelovii (A. Gray) Greene] - SFE, W&W[1]
{Gentiana calycosa Griseb.} - FCF

{WJ - does not occur in our area, nearest area is Uintah Range in UT. Ours all are G. parryi. Allred treatment in Great Basin Naturalist lumped species too aggressively}

Gentiana parryi Engelm. - Dorn01, HDH, IMF, KTZ, UTF, E/W
[Pneumonanthe parryi (Engelm.) Greene] - SF!, W&W

Gentiana prostrata Haenke - Dorn01, IMF, KTZ, CC & WJ, E/W
[Chondrophylla nutans (Burge) W. A. Weber] - SF!, W&W
[Chondrophylla prostrata (Haenke) J. P. Anderson] - SF!
[Chondrophylla prostrata (Haenke ex Jacq.) J. P. Anderson] - W&W
[Gentiana nutans Bunge] - KTZ
[Gentiana prostrata Haenke ex Jacq. - UTF
[Gentiana prostrata Haenke var. americana Engelm.] - HDH

Gentianella amarella (L.) Börner var. acuta (Michx.) Herder - E/W
[Gentiana plebeia Chamisso var. holmii Wettst.] - HDH
[Gentiana plebeia Chamisso var. plebeia] - HDH
[Gentiana strictiflora (Rydb) A. Nelson] - HDH
[Gentianella acuta (Michx.) Hiitonen] - SF!, W&W
[Gentianella amarella (L.) Börner] - IMF, UTF
[Gentianella amarella (L.) Börner subsp. acuta (Michx) J. M Gillett] - GPF, KTZ
[Gentianella amarella (L.) Börner var. amarella} - W&W!, Eurasian
[Gentianella strictiflora (Rydb) W. A. Weber] - SFE, W&W

Gentianella amarella (L.) Börner var. heterosepala (Engelm.) Dorn - Dorn01, E/W
[Gentiana heterosepala Engelm.] - HDH
[Gentiana scopulorum TIdestr.] - KTZ
[Gentianella amarella (L.) Börner subsp. heterosepala (Engelm.) J. M. Gillett] - KTZ
[Gentianella heterosepala (Engelm.) Holub] - IMF, SF!, UTF, W&W

Gentianella tenella (Rottb.) Börner - Dorn01, GPF, IMF, UTF, E/W
[Comastoma tenella (Rottb.) Toyokuni] - SF!, W&W
[Gentiana tenella Rottb] - HDH
[Gentianella tenella (Rottb) Börner subsp. tenella] - KTZ

Gentianella tortuosa (M. E. Jones) J. M. Gillett - IMF, KTZ, SFW, UTF, W&W, W

Gentianodes (see **Gentiana**)

Gentianopsis barbellata (Engelm.) H. H. Iltis - Dorn01, IMF, KTZ, SF!, UTF, W&W, E/W
[Gentiana barbellata Engelm.] - HDH

Gentianopsis detonsa (Rottb.) Ma var. elegans (A. Nelson) N. H. Holmgren - Dorn01, IMF, UTF, E/W
[Gentiana thermalis Kuntze] - HDH
[Gentianopsis thermalis (Kuntze) H. H Iltis] - KTZ, SF!, W&W

Gentianopsis procera (Holm) Ma - WJ (*Kelso et al. 01-187* [COCO])

Lomatogonium rotatum (L.) Fr. - Dorn01, UTF, E/W
[Lomatogonium rotatum (L.) Fr. ex Fernald] - KTZ
[Lomatogonium rotatum (L.) Fr subsp. tenuifolium (Griseb) Porsild] - SF!
[Lomatogonium rotatum (L.) Griseb subsp. tenuifolium (Griseb) Porsild] - W&W
[Pleurogyne fontana A. Nelson] - IPNI
[Pleurogyne rotata (L) Griseb] - HDH

Pleurogyne (see **Lomatogonium**)

Pneumonanthe (see **Gentiana**)

Swertia (see also **Frasera**)
Swertia perennis L. - Dorn01, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Geraniaceae - GER

*Erodium cicutarium (L.) L'Hér. ex Aiton - Dorn01, HDH, IMF, E/W
[Erodium cicutarium (L.) L'Hér] - GPF, SF[1], UTF, W&W
[Erodium cicutarium (L.) L'Hér. ex Aiton subsp cicutarium] - KTZ

Geranium

(Identification sources: _____)

{Geranium atropurpureum A. Heller var. atropurpureum} - KTZ, E/W
{Geranium atropurpureum A. Heller} - see IMF
{Geranium caespitosum E. James subsp. atropurpureum (A. Heller) W. A. Webere} - SF!
{Geranium caespitosum E. James ex Torr. subsp. atropurpureum (A. Heller) W. A. Weber} - W&W
{Geranium marginale Rydb} - W&W[1]
{Geranium marginale Rydb ex Hanks & Small} - HDH, rep
Geranium atropurpureum A. Heller var. cowenii (Rydb.) Dorn - Dorn01, KTZ
[Geranium caespitosum E James] - IMF
[Geranium caespitosum E James ex Torr. subsp. caespitosum] - W&W
[Geranium fremontii Torr. ex A. Gray] - see IMF
[Geranium fremontii Torr. ex A. Gray var. cowenii (Rydb.) Harrington] - HDH
[Geranium intermedium E. James] - Goodman95
*Geranium bicknellii Britton var. longipes (S. Wat.) Fernald - SF!, W&W, E/W
[Geranium bicknellii Britton] - Dorn01, GPF, IMF, KTZ, UTF
[Geranium carolinianum L. var. longipes S. Wat.] - HDH
Geranium caespitosum E. James var. caespitosum - Dorn01, KTZ, E/W
[NS - See UT3 p. 324 regarding taxonomic work needed in G. caespitosum complex]
[Geranium caespitosum E James] - HDH, IMF, UTF
[Geranium caespitosum E James subsp caespitosum] - SF[1]
[Geranium caespitosum E James ex Torr. subsp. caespitosum] - W&W
[Geranium caespitosum E James var parryi (Engelm.) W. A Weber] - KTZ, UTF
[Geranium parryi (Engelm) A. Heller] - HDH
Geranium caespitosum E. James var. fremontii (Torr. ex A. Gray) Dorn - Dorn01, KTZ, E/W
[Geranium caespitosum E. James] - see IMF, UTF
[Geranium caespitosum E. James subsp. caespitosum] - SF!
[Geranium caespitosum E. James ex Torr. subsp. caespitosum] - W&W
[Geranium fremontii Torr. ex A. Gray] - see IMF
[Geranium fremontii Torr. ex A. Gray var. fremontii] - HDH
✣Geranium carolinianum L. - Dorn01, GPF, IMF, UTF
[Geranium carolinianum L. var. carolinianum] - HDH, exp., KTZ
*Geranium columbinum L. - KTZ, SFE, W&W, E
*Geranium ibericum Cav. - KTZ, SFE, W&W[1], E
{Geranium pusillum Burm. f.} - HDH, SFE, not persisting, W&W, misapp., E
*Geranium pusillum L. - Dorn01, GPF, IMF, KTZ, UTF
Geranium richardsonii Fisch. & Trautv. - Dorn01, GPF, HDH, IMF, KTZ, SF!, W&W, E/W
Geranium viscosissimum Fisch. & C. A. Mey. ex C. A. Mey. var. viscossimum - Dorn01
Geranium viscosissimum Fisch. & C. A. Mey. ex C. A. Mey. var. incisum (Torr. & A. Gray) N. H. Holmgren -Dorn01, IMF, KTZ
[Geranium nervosum Rydb.] - HDH

[Geranium viscosissimum Fisch. & C. A. Mey. subsp. nervosum (Rydb.) W. A. Weber] - SF!, W&W
[Geranium viscosissimum Fisch. & C. A. Mey. ex C. A. Mey. var. nervosum (Rydb.) C. L. Hitchc.] - E/W
[Geranium viscosissimum Fisch. & C. A. Mey. var. nervosum (Rydb.) C. L. Hitchc.] - GP, UTF

Gramineae (see **POA**)

Grossulariaceae - GRS

(Identification sources: _____)

Ribes americanum Mill. - Dorn01, GPF, HDH, KTZ, SFE, W&W, E
Ribes aureum Pursh var. aureum - Dorn01, KTZ, E/W
[Ribes aureum Pursh] - HDH, IMF, SF!, UTF, W&W
✣Ribes aureum Pursh var. villosum DC. - Dorn01, KTZ, E
[Ribes odoratum H. Wendl.] - GPF, IMF, SFE, UTF, W&W
Ribes cereum Douglas - HDH, IMF, SF!, W&W, E/W
[Ribes cereum Douglas var. cernum] - KTZ
[Ribes cereum Douglas var. pedicellare Brewer & S. Watson] - Dorn01, KTZ
[Ribes cereum Douglas var inebrians (Lindl) C. L. Hitchc.] - GPF, UTF
Ribes coloradense Coville - HDH, SF!, UTF, W&W, E/W
[Ribes laxiflorum Pursh] - IMF, KTZ, UTF
{Ribes divaricatum Douglas} - IMF, KTZ, SF!, W&W, E/W
{WJ - A Pacific Coast species. Annotations by Q. Sinnott in error. T. Hogan agrees that all are R. inerme. Sinnott's own paper (Rhodora 87, 1985) makes no mention of this taxon in our area}
Ribes inerme Rydb. var. inerme - HDH, IMF, KTZ, E/W
[Ribes inerme Rydb. var. pubescens A. Berger] - HDH
[Ribes inerme Rydb.] - Dorn01, SF!, UTF, W&W
[Ribes inerme Rydb. forma incisum W. A Weber] - SFE, W&W
Ribes lacustre (Pers.) Poir. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Ribes leptanthum A. Gray - HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Ribes montigenum McClat. - Dorn01, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Ribes niveum Lindl. - IMF, KTZ, Sinnott85
Ribes oxyacanthoides L. var. oxyacanthoides - Dorn01, IMF
[Ribes oxyacanthoides L.] - GPF <CO>
[Ribes oxyacanthoides L. subsp. oxyacanthoides] - KTZ <NE, WY> - Sinnott85
Ribes oxyacanthoides L. var. setosum (Lindl.) Dorn - Dorn01, IMF
[Ribes oxyacanthoides L. subsp. setosum (Lindl.) Q. P. Sinnott] - KTZ <NE, UT, WY>, Sinnott85
[Ribes setosum Lindl.] - GPF <CO>, HDH, exp., UTF
Ribes viscosissimum Pursh - HDH, IMF, KTZ, SF!, W&W, E/W
[Ribes viscosissimum Pursh var. viscosissimum] - UTF
Ribes wolfii Rothrock - HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Haloragaceae - HAL (= Haloragidaceae; see also **PTG**)

{Myriophyllum heterophyllum Michx.} - M&H, exp.
Myriophyllum sibiricum Kom. - Dorn01, IMF, KTZ, SF!, W&W, E/W
[Myriophyllum exalbescens Fernald] - GPF, HDH, UTF
Myriophyllum spicatum L. - IMF, KTZ
[Andy Kratz, USFS, pers. comm.]
Myriophyllum verticillatum L. - GPF, HDH, IMF, KTZ, SFW, UTF, W&W, W

Haloragidaceae (see **HAL**)

Helleboraceae (see **RAN**)

Hemerocallidaceae (see **XAN**)

Hippocastanaceae (see **SAP**)

Hippuridaceae - HPU

Hippuris vulgaris L. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Hydrangeaceae - HDR

Fendlera rupicola A. Gray
[WJ - see notes in IMF regarding rationale for not recognizing varieties]
[Fendlera rupicola A. Gray var. falcata] - KWA, M&H
[Fendlera rupicola A. Gray var. rupicola] - W
[Fendlera rupicola A. Gray] - HDH, KTZ, SFW, UTF, W&W
[Fendlera rupicola Engelm. & A. Gray] - IMF
[Fendlera rupicola A. Gray var. wrightii A. Gray] - KWA, M&H
[Fendlera wrightii (A. Gray) Heller] - KTZ
Fendlerella utahensis (S. Watson) A. Heller - HDH, SFW, UTF, W&W, W
[Fendlerella utahensis (S Watson) A Heller var. utahensis] - IMF, KTZ

Jamesia americana Torr. & A. Gray var. americana - GPF, IMF, KTZ, E/W
[Jamesia americana Torr.] - SFW
[Jamesia americana Torr. & A. Gray] - Dorn01, HDH, SFE, W&W
[Jamesia americana Torr. & A. Gray var. macrocalyx (Small) Engler] - UTF

Philadelphus microphyllus A. Gray - IMF, KTZ, SF!, UTF, W&W, E/W
[Philadelphus argenteus Rydb.] - KTZ
[Philadelphus microphyllus A Gray subsp. microphyllus] - HDH
[Philadelphus microphyllus A. Gray subsp. occidentalis (A. Nelson) Hitchc.] - HDH
[Philadelphus microphyllus A. Gray var. occidentalis (A. Nelson) Dorn] - Dorn01
[Philadelphus microphyllus A. Gray var. ovatus Hu] - KTZ
[Philadelphus occidentalis A. Nelson var. minutus (Rydb) Hu] - KTZ
[Philadelphus occidentalis A. Nelson var. occidentalis] - KTZ

Hydrocharitaceae - HDC (see also **NAJ**)

(Identification sources: _____)

*Egeria densa Planch. - FNA, KTZ <AZ, KS, NE, NM, OK, UT>
[Elodea densa (Planch) Caspary] - GPF, HDH, possible escape

Elodea (see also **Egeria**)
Elodea bifoliata H. St. John - Dorn01, FNA, KTZ, SF!, W&W[1], E/W
[Elodea longivaginata H. St. John] - GPF, IMF, UTF, W&W
Elodea canadensis Michx. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, E/W
[Elodea canadensis Richards] - W&W

Elodea nuttallii (Planch.) H. St. John - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, W&W, E/W

{Vallisneria americana Michx.} - FNA, GPF, KTZ <AZ, NM, OK>
{Vallisneria spiralis L.} - HDH, exp., W&W, err. rep.

Hypoxidaceae - HPX

Hypoxis hirsuta (L.) Coville - FNA, GPF, HDH, KTZ, SFE, W&W, E
[WJ - not collected in CO since 1959; possibly extirpated in CO]
[Ornithogalum hirsutum L.] - FNA
[Hypoxis carolinensis Michx.] - FNA
[Hypoxis graminea Pursh] - FNA
[Hypoxis grandis Pollard] - FNA
[Hypoxis micrantha Pollard] - FNA
[Hypoxis pallida Salisbury] - FNA
[Hypoxis villosa Raf.] - FNA

Iridaceae - IRI

Iris missouriensis Nutt. - Dorn01, FNA,GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
[Iris arizonica Dykes] - FNA
[Iris longipetala Herbert var. montana Baker] - FNA
[Iris montana Nutt. ex Dykes] - FNA
[Iris pariensis S. L. Welsh] - FNA
[Iris pelogonus Goodding] - FNA
[Iris tolmeiana Herbert] - FNA

Sisyrinchium angustifolium Mill. - Dorn01
[Sisyrinchium bermudiana auct. non L.] - KTZ
[Sisyrinchium graminoides Bickn.] - KTZ
Sisyrinchium demissum Greene - FNA, GPF, HDH,IMF, KTZ, SF!, UTF, W&W, E/W
[Sisyrinchium amethystinum E. P. Bicknell] - FNA
[Sisyrinchium demissuum var. amethystinum (E. P. Bicknell) Kearney & Peebles] - FNA
[Sisyrinchium longipedunculatum E. P. Bicknell] - FNA
{Sisyrinchium halophilum Greene}- HDH, IMF, KTZ <UT>, W&W
Sisyrinchium idahoense E. P. Bicknell var. occidentale (E. P. Bicknell) D. M. Hend.- Dorn01, FNA, KTZ, SF!, W&W, E/W
[Sisyrinchium idahoense E. P. Bicknell] - UTF, IMF
[Sisyrinchium juncellum Greene] - FNA
[Sisyrinchium occidentale E. P. Bicknell] - HDH
Sisyrinchium montanum Greene var. montanum - FNA, KTZ
[Sisyrinchium alpestre E. P. Bicknell] - FNA
[Sisyrinchium heterocarpum E. P. Bicknell] - HDH, FNA
[Sisyrinchium montanum Greene] - Dorn01, GPF, HDH, IMF, SF!, W&W, E W
♦ Sisyrinchium pallidum Cholewa & D. M. Hend. - **ENDEMIC** **<CO, WY>**, Dorn01, FNA, KTZ, SFE, W&W, E

Juglandaceae - JUG

Juglans nigra L. - Hartman06
{Juglans rupestris Engelm. var. major Torr.} - HDH rep., W&W[1]
{Juglans major (Torr.) A. Heller} - KTZ <AZ, NM, OK, UT>, UTF

{Juglans major (Torr.) A. Heller var. major} - FNA <AZ, NM, OK>

Juncaceae - JUN

(Identification sources: _____)

Juncus acuminatus Michx. - FNA, GPF, HDH, KTZ, SFE, W&W, E
Juncus alpinoarticulatus Chaix - FNA, W&W, E/W
[Juncus alpino-articulatus Chaix] - SF!, W&W[1]
[Juncus alpinoarticulatus Chaix subsp. nodulosus (Wahlenb.) Hämet-Ahti] - KTZ
[Juncus alpinus Villars] - GPF, HDH, IMF, UTF
Juncus articulatus L. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Juncus arcticus Willd. var. balticus (Willd.) Trautv. - FNA, E/W
[Juncus arcticus Willd] - UTF
[Juncus arcticus Willd subsp alter (Rydb.) Hultén] - SF!, W&W[1]
[Juncus ater Rydb] - W&W
[Juncus balticus Willd var montanus Engelm.] - Dorn01, GPF, HDH, IMF, KTZ
[Juncus balticus Willd var vallicola Rydb.] - Dorn01, HDH, KTZ
Juncus arcticus Willd. var. mexicanus (Willd. ex Roem. & Schult.) Balslev - FNA
[Juncus balticus Willd. var. mexicanus (Willd.) Kuntze] - IMF
[Juncus mexicanus Willd. ex J. A. Schult. & J. H. Schult.] - KTZ<AZ, NM>
Juncus biglumis L. - Dorn01, FNA, KTZ, SF!, W&W, E/W
Juncus brachycephalus (Engelm.) Buchenau - FNA, GPF, KTZ, SFE, W&W, E
Juncus brachyphyllus Wieg. - *Legler 5083* [voucher at RM]
[NS - Specimen identification confirmed by specialist P. Zika at U of WA {B. Legler, pers. comm. 2008}]
Juncus brevicaudatus (Engelm.) Fernald - FNA, KTZ, SFE, W&W, E
[Juncus tweedyi Rydb.] - IMF, KTZ, SFE, UTF, W&W
Juncus bryoides F. J. Herm. - FNA, KTZ, SFW, UTF, W&W, W
[Juncus kelloggii Engelm.] - IMF
Juncus bufonius L. - Dorn01, FNA, GPF, HDH, IMF, SF!, UTF, E/W
[Juncus ambiguus Guss.] - KTZ
[Juncus bufonius L. var. bufonius] - KTZ, W&W
[Juncus bufonius L. var. occidentalis F J. Herm.] - KTZ, SF!, W&W
[Juncus sphaerocarpus Nees] - HDH
✣Juncus castaneus J. E. Sm. - Dorn01, FNA, HDH, IMF, SF!, UTF, W&W, E/W
[Juncus castaneus J. E. Sm. subsp. castaneus var. castaneus] - KTZ
✻Juncus compressus Jacq. - Dorn01, FNA, KTZ, SF!, UTF, W&W, E/W
Juncus confusus Coville - Dorn01, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
✣Juncus dichotomus Elliott - FNA, KTZ, E
[Juncus platyphyllus (Wiegand) Fernald] - SFE, W&W
Juncus drummondii E. Mey. - Dorn01, FNA, HDH, IMF, SF!, UTF, W&W, E/W
[Juncus drummondii E. Mey. var. drummondii] - KTZ
[Juncus drummondii E. Mey. var. subtriflorus (E. Mey.) C. L. Hitchc.] - KTZ
Juncus dudleyi Wiegand - FNA, GPF, HDH, KTZ, SF!, W&W, E/W
[Juncus tenuis Willd var dudleyi (Wiegand) F. J. Herm. - Dorn01, IMF, UTF
✣Juncus effusus L. - FNA, GPF, SFE, W&W, E
[Juncus effusus L. var. solutus Fernald & Wiegand] - KTZ
Juncus ensifolius Wikstr. var. ensifolius - Dorn01, FNA, IMF, UTF, E/W
[Juncus ensifolius Wikstr.] - KTZ, SF!, W&W
Juncus ensifolius Wikstr. var. montanus (Engelm.) C. L. Hitchc. - Dorn01, FNA, GPF, IMF, E/W
[Juncus ensifolius Wikstr. var. brunnescens (Rydb) Cronq. - IMF, UTF

[Juncus saximontanus A. Nelson] - HDH, KTZ, SF!, W&W
[Juncus saximontanus A. Nelson forma brunnescens (Rydb.) F. J. Hermann] - SFE
[Juncus tracyi Rydb.] - KTZ, SF!, W&W
Juncus filiformis L. - Dorn01, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
✣Juncus gerardii Loisel. - Dorn01, FNA, GPF, SFE, UTF, W&W, E
[Juncus gerardii Loisel. var. gerardii] - KTZ
Juncus hallii Engelm. - Dorn01, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Juncus interior Wiegand - Dorn01, FNA, GPF, HDH, SFE, W&W, E/W
[Juncus interior Vasey] - SFW
[Juncus interior Wiegand var. interior] - KTZ, RMC
[Juncus interior Wiegand var. neomexicanus (Wiegand) F. J Herm] - KTZ
[Juncus tenuis Willd] - IMF, UTF
Juncus longistylis Torr. - Dorn01, FNA, GPF, HDH, IMF, SF!, UTF, W&W, E/W
[Juncus longistylis Torr. var. longistylis] - KTZ
{Juncus macrandrus Coville} - FNA, IMF, KTZ
Juncus marginatus Rostk. - FNA, GPF, HDH, KTZ, SFE, W&W, E
Juncus mertensianus Bong. - Dorn01, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Juncus nevadensis S. Watson - Dorn01, FNA, IMF, SF!, UTF, W&W, E/W
[Juncus badius Suksd] - HDH
[Juncus nevadensis S Watson] - IMF, SF!, UTF, W&W
[Juncus nevadensis S. Watson var. badius (Suksd.) C. L. Hitchc.] - KTZ
[Juncus nevadensis S. Watson var. nevadensis] - KTZ
Juncus nodosus L. - Dorn01, FNA, GPF, HDH, IMF, SF!, UTF, W&W, E/W
[Juncus nodosus L. var. nodosus] - KTZ
Juncus parryi Engelm. - Dorn01, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Juncus tenuis Willd. - FNA, KTZ, SFE, W&W[1], E
[Juncus tenuis Willd var multicornis E Mey] - HDH, W&W
Juncus torreyi Coville - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, W&W, E/W
Juncus triglumis L. var. albescens Lange - Dorn01, FNA, IMF, E/W
[Juncus albescens (Lange) Fernald] - HDH, KTZ, SF!, W&W
[Juncus triglumis L. var. albescens (Fernald) Lange]- UTF
Juncus triglumis L. var. triglumis - Dorn01, FNA, IMF at high latitudes, E/W
[Juncus triglumis L.] - KTZ, SF!, W&W
Juncus tweedyi Rydb. - IMF, KTZ, SFE, UTF, W&W[1]
[Juncus brevicaudatus (Engelm.) Fern.] - FNA
Juncus vaseyi Engelm. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, W&W, E/W

Luzula comosa E. Mey. - FNA, KTZ, SF!, W&W, E/W
[Luzula campestris (L.) DC.] - IMF, W&W[1], misapp.
[Luzula campestris (L.) DC. var. multiflora (Ehrh.) Celak.] - IMF, UTF
[Luzula multiflora (Ehrh.) Lej.] - Dorn01, FNA
[Luzula multiflora (Retz.) Lej.] - GPF, HDH, W&W, misid.
[Luzula multiflora (Ehrh.) Lej. subsp. multiflora var. multiflora] - KTZ
Luzula fastigiata E. Mey. - KTZ
[Luzula parviflora (Ehrb.) Desv.] - IMF
Luzula parviflora (Ehrh.) Desv. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Luzula spicata (L.) DC. - Dorn01, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
♦Luzula subcapitata (Rydb.) Harrington - **ENDEMIC** **<CO>**, FNA, HDH, KTZ, SF!, W&W, E/W
{Luzula sudetica (Willd.) DC.} - FNA, HDH
{Luzula multiflora (Ehrh) Lej subsp. frigida (Buchenau) Krecz.} - KTZ

Juncaginaceae - JCG

Triglochin maritima L. - FNA, HDH, KTZ, SF!, UTF, W&W, E/W
[Triglochin concinna Burtt-Davy] - SF!
[Triglochin concinna Burtt-Davy var. debilis (M. E. Jones) J. T. Howell] - GPF, HDH rep., IMF, UTF
[Triglochin debilis (M. E. Jones) A. Löve & D. Löve] - W&W
[Triglochin maritima L. var. elata (Nutt.) A. Gray] - Dorn01, GPF, IMF
Triglochin palustre L. - FNA, E/W
[Triglochin palustris L.] - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W

Krameriaceae - KRM

{Krameria erecta Willd. ex Schult. & Schult. f.} - IMF
{WJ - *Aven Nelson 1034* erroneously labeled Colorado}
{Krameria parviflora Benth. var. glandulosa (Rose & Painter) J. F. Macbr } - HDH, W&W
{Krameria parviflora Benth.} - UTF
{Krameria erecta Willd ex Schult.} - KTZ <AZ, NM, UT>
Krameria lanceolata Torr. - GPF, HDH, KTZ, SFE, W&W, E

Lamiaceae - LAM (= Labiatae)

(Identification sources: _____)

Agastache foeniculum (Pursh) Kuntze - Dorn01, GPF, KTZ, SFE,E
[Agastache foeniculum Kuntze] - HDH, W&W
Agastache pallidiflora (A. Heller) Rydb. subsp. neomexicana (Briq.) Lint & Epling - KWA, HDH, KTZ [also recogn. 2 vars.], W&W, err. rep.
[Agastache neomexicana (Briq.) Standl.] - KWA
[Agastache pallidiflora (A. Heller) Rydb. subsp. neomexicana (Briq.) Lint & Epling var. neomexicana (Briq.) R. W. Sanders] - KTZ <NM>
Agastache pallidiflora (A. Heller) Rydb. var. pallidiflora - IMF, E/W
[Agastache pallidiflora (A. Heller) Rydb] - SF!, UTF
[Agastache pallidiflora (A. Heller) Rydb subsp pallidiflora] - HDH
[Agastache pallidiflora (A. Heller) Rydb subsp pallidiflora var. greenei (Briq.) R W Sanders] - KTZ, W&W
Agastache urticifolia (Benth.) Kuntze var. urticifolia - IMF, KTZ, E/W
[Agastache urticifolia Kuntze] - HDH
[Agastache urticifolia (Benth.) Kuntze] - Dorn01, SF!, UTF, W&W

✣Clinopodium vulgare L. - HDH, KTZ, SF!, W&W, E/W
[Satureja vulgaris (L) Fritsch] - Dorn01, IMF

Dracocephalum (see also **Physostegia**)
Dracocephalum parviflorum Nutt. - Dorn01, GPF, IMF, KTZ, SF!, UTF, W&W, E/W
[Moldavica parviflora (Nutt.) Britton] - HDH
Dracocephalum thymiflorum L. - Dorn01

✻Galeopsis bifida Boenn. - GPF, KTZ, SF!, W&W, E/W
[Galeopsis tetrahit L.] - HDH

*Glecoma hederacea L. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Hedeoma drummondii Benth. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Hedeoma hispidum Pursh - Dorn01, GPF, SFE, W&W, E
[Hedeoma hispida Pursh] - HDH, KTZ
Hedeoma oblongifolia (Gray) Heller - KWA, M&H, KTZ
[Hedeoma piperita var oblongifolia Gray] - KTZ
[Hedeoma thymoides var. oblongifolia (Gray) Gray] - KTZ

*Hyssopus officinalis L. - KTZ, W&W

*Lamium amplexicaule L. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
*Lamium purpureum L. var. purpureum - KTZ, E/W
[Lamium purpureum L] - GPF, HDH rep , IMF, SF!, UTF, W&W

*Leonurus cardiaca L. - Dorn01, GPF, HDH, IMF, SFE, UTF, W&W, E
[Leonurus cardiaca L. subsp. cardiaca] - KTZ

Lycopus americanus Muhl. ex W. P. C. Barton - Dorn01, GPF, HDH, KTZ, UTF, W&W, E/W
[Lycopus americanus Muhl.] - SF!
Lycopus asper Greene - Dorn01, GPF, IMF, KTZ, SF!, UTF, W&W, E/W
[Lycopus lucidus Turczaninov ex Benth.] - HDH
Lycopus uniflorus Michx. - Dorn01, GPF, HDH, SFE, W&W, E
[Lycopus uniflorus Michx. var. uniflorus] - KTZ

*Marrubium vulgare L. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Mentha (see also **Monarda**)
Mentha arvensis L. - Dorn01, GPF, HDH, IMF, KTZ, SF!, W&W, E/W
[Mentha arvensis L. var. glabrata (Benth) Fernald] - UTF
Mentha X citrata Ehrh. - IMF
[Mentha aquatica X M. spicata] - IMF
[Mentha aquatica L.] - KTZ <UT>
[Mentha citrata Ehrh.] - HDH, UTF
*Mentha X piperita L. - GPF, IMF, KTZ, UTF, E
[Mentha aquatica X M spicata] - IMF
[Mentha piperita L.] - HDH, SFE, W&W
*Mentha spicata L. - Dorn01, GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E

Moldavica (see **Dracocephalum**)

Monarda fistulosa L. var. menthifolia (Graham) Fernald - Dorn01, GPF, HDH, IMF, SFE, UTF, W&W, E/W
[Monarda fistulosa L.] - SFW
[Monarda fistulosa L. subsp. fistulosa var. menthifolia (Graham) Fernald] - KTZ
Monarda pectinata Nutt. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Monarda punctata L. var. occidentalis (Epling) Palmer & Steyerm.
[Mentha punctata L.] - W&W[1], err. rep.
[Mentha punctata L subsp occidentalis Epling] - GPF <CO>, HDH, W&W, err rep
[Mentha punctata L subsp punctata var. occidentalis (Epling) Palmer & Steyerm.] - KTZ <KS, OK, NM>

Monardella odoratissima Benth. var. glauca (Greene) H. St. John - Dorn01, IMF, W
[Monardella glauca Greene] - KTZ
[Monardella odoratissima Benth.] - HDH, KTZ, SFW, UTF, W&W

*Nepeta cataria L. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
*Nepeta racemosa Lam. - Dorn01
*Nepeta grandiflora M.-Bieb. - Dorn01

Physostegia parviflora Nutt. ex A. Gray - Dorn01, KTZ GPF, IMF, KTZ,UTF, W&W, exp.
[Dracocephalum nuttallii Britton] - HDH, rep.

Poliomintha incana (Torr.) A. Gray - HDH, exp., IMF, KTZ, SFW, UTF, W&W, W

✣Prunella vulgaris L. var. lanceolata (W. P. C. Barton) Fernald - GPF, IMF, UTF, E/W
[Prunella vulgaris L.] - Dorn01, HDH, SF!, W&W
[Prunella vulgaris L. subsp. lanceolata (W. P. C. Barton) Hultén] - KTZ
Prunella vulgaris L. var. vulgaris - KTZ

Pycnanthemum virginianum (L.) T. Durand & Jackson ex B. L. Robins. & Fernald - GPF, HDH, KTZ <KS, NE, OK>, W&W, err. rep.
[Pycnanthemum virginianum (L.) T. Durand & Jackson] - W&W[1]

*Salvia aethiopis L. - IMF, KTZ, SFE, UTF, W&W, E
✣ Salvia azurea Michx. ex Lam. var. grandiflora Benth. - HDH, KTZ, E
[Salvia azurea Lam.] - UTF
[Salvia azurea Michx. ex Lam. subsp. pitcheri (Torr.) Epling] - HDH
[Salvia azurea Lam. var. grandiflora Benth.] - SFE
[Salvia azurea Michx. & Lam. var. grandiflora Benth.] - W&W
[Salvia azurea Lam. var. grandiflora Benth.] - GPF
Salvia subincisa Bentham – KWA, M&H, KTZ
*Salvia pratensis L. - GPF, KTZ, SFE, W&W[1], E
Salvia reflexa Hornem. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
*Salvia sclarea L. - GPF, IMF, KTZ, UTF, W&W
*Salvia X sylvestris L. - KTZ, W&W[1], misapp., E/W
[Salvia pratensis X S. nemorosa] - KTZ
[Salvia nemorosa L.] - Dorn01, GPF, KTZ, SF!, W&W[1]
[Salvia sylvestris L.] - HDH, W&W

Satureja (see **Clinopodium**)

Scutellaria brittonii Porter - Dorn01, GPF, HDH, KTZ, SF!, W&W, E/W
Scutellaria galericulata L. - Dorn01, GPF, HDH, IMF, KTZ, UTF, E/W
[Scutellaria galericulata L. var. epilobiifolia (Hamilton) Jordal] - SF!, W&W
Scutellaria lateriflora L. var. lateriflora - KTZ, E
[Scutellaria lateriflora L.] - GPF, HDH, SFE, W&W
Scutellaria wrightii A. Gray - KTZ <OK>, W
[Scutellaria resinosa Torr.] - GPF, KTZ, SFW, W&W

Stachys palustris L. var. pilosa (Nutt.) Fernald - Dorn01, IMF, UTF, E/W

[Stachys palustris L. subsp. pilosa (Nutt.) Epling] - GPF, HDH, SF!, W&W
[Stachys pilosa Nutt. var. pilosa] - KTZ

Teucrium canadense L. var. occidentale (A. Gray) E. M. McClint. & Epling - Dorn01, HDH, IMF, KTZ, UTF, E/W
[Teucrium canadense L. subsp. occidentale (A. Gray) W. A. Weber] - W&W
[Teucrium canadense L. subsp. occidentale (A. Gray) E. M. McClint. & Epling] - SF!
[Teucrium canadense L. var. boreale (E. P. Bicknell) Shinners] - GPF
Teucrium laciniatum Torr. - GPF, HDH, KTZ, SFE, W&W, E

Leguminosae (see **FAB**)

Lemnaceae (see **ARA**)

Lentibulariaceae - LNT

Utricularia minor L. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Utricularia ochroleuca R. W. Hartm. - KTZ, SF!, W&W, E/W
Utricularia macrorhiza Leconte - Dorn01, KTZ, SF!, W&W
[Utricularia vulgaris L.] - GPF, HDH, IMF, UTF, W&W[1], misapp., E/W

Liliaceae - LIL (see also **ALL, ASG, CVL, HPX, MLN, SML, CHC, XAN)**

(Identification sources: _____)

Allium (see **ALL**)

Androstephium (see **ALL**)

Anticlea (see **Zigadenus** [MLN])

{Calochortus aureus S. Watson} - IMF, KTZ, UTF
[WJ - erroneous report; no specimens seen at ARIZ, BRY, COLO, CS, KHD, RM]
[NS - FNA (vol. 26) indicates out of our range]
{Calochortus nuttallii Torr. var. aureus (S. Watson) Ownbey} - FNA, HDH, W&W
{Calochortus nuttallii Torr. & A. Gray var. aureus (S. Watson) Ownbey}
Calochortus flexuosus S. Watson - FNA, HDH, IMF, KTZ, SFW, UTF, W&W, W
Calochortus gunnisonii S. Watson var. gunnisonii - FNA, IMF, KTZ, E/W
{Calochortus gunnisonii S. Watson] - Dorn01, GPF, HDH, SF!, UTF, W&W
Calochorthus gunnisonii S. Watson var. perpulcher Cockerell - FNA
{Calochortus macrocarpus Douglas} - HDH rep., IMF, W&W, err. rep.
{Calochortus macrocarpus Douglas var. macrocarpus} - KTZ
Calochortus nuttallii Torr. & A. Gray - Dorn01, FNA, GPF, IMF, KTZ, SFW, UTF, W
[Calochortus nuttallii Torr. var. nuttallii] - HDH, W&W

Disporum (see **CHC**)

Erythronium grandiflorum Pursh subsp. chrysandrum Applegate - HDH, E/W
[Erythronium giganteum Lindley] - FNA

[Erythronium grandiflorum Pursh] - IMF, SF!, UTF, W&W
[Erythronium grandiflorum Pursh subsp. chrysandrum (Piper) Abrams] - FNA
[Erythronium grandiflorum Pursh var. grandiflorum] - Dorn01
[Erythronium grandiflorum Pursh subsp. grandiflorum] - FNA, KTZ
[Erythronium grandiflorum Pursh var. nudipetalum [as "nudopetalum"] (Applegate) C. L. Hitchc.] - FNA
[Erythronium grandiflorum Pursh var. pallidum H. St. John] - FNA
[Erythronium parviflorum (S. Watson) Goodding] - FNA

Fritillaria atropurpurea Nutt. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
[Fritillaria adamantina M. Peck] - FNA
[Fritillaria gracillima Smiley] - FNA
[Fritillaria linearis J. M. Couluter & Fisher] - FNA
Fritillaria pudica (Pursh) Spreng. - Dorn01, GPF, HDH, IMF, KTZ, SFW, UTF, W&W, W

Lilium philadelphicum L. var. andinum (Nutt.) Ker Gawler - Dorn01, GPF, KTZ, E/W
[Lilium andinum Nuttall] - FNA
[Lilium montanum A Nelson] - FNA
[Lilium philadelphicum L.] - FNA, SF!, W&W
[Lilium umbellatum Pursh] - HDH, FNA

Lloydia serotina (L.) Rchb. var. serotina - FNA, E/W
[Bulbocodium serotinum L.] - FNA
[Lloydia serotina Rchb] - Dorn01, SFE
[Lloydia serotina (L.) Sweet] - HDH
[Lloydia serotina (L.) Salisb] - SFW
[Lloydia serotina (L.) Salisb ex Rchb] - IMF, W&W
[Lloydia serotina (L.) S. Watson] - UTF
[Lloydia serotina (L.) Rchb subsp. serotina] - KTZ

Prosartes (see **Disporum** [CHC])

Smilacina (see **Maianthemum** [RUS])

Toxicoscordion (see **Zigadenus** [MLN])

Limnanthaceae - LIM

Floerkea proserpinacoides Willd. - Dorn01, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Limoniaceae (see **PLB**)

Linaceae - LIN

(Identification sources: _____)

Adenolinum (see **Linum**)

Linum aristatum Engelm. - GPF, IMF, KTZ, UTF, W
[Mesynium aristatum (Engelm.) W. A Weber] - SFW, W&W
Linum australe A. Heller var. australe - KTZ, E/W
[Linum australe A. Heller] - Dorn01, HDH, IMF, UTF

[Mesynium australe (A. Heller) W. A. Weber] - SF!, W&W

Linum berlandieri Hook. var. berlandieri - KTZ

[Linum berlandieri Hook] - HDH

[Linum rigidum Pursh var berlandieri (Hook) Torr. & A. Gray] - GPF

[Mesynium rigidum (Pursh) A. Löve & D. Löve] - W&W

*Linum grandiflorum Desf. - IMF, KTZ, UTF, E

[Adenolinum grandiflorum (Desf.) W. A Weber] - SFE, W&W

Linum kingii S. Watson - Dorn01, HDH, IMF, KTZ, UTF, W

[Mesyniopsis kingii (S. Watson) W. A. Weber] - SFW, W&W

Linum lewisii Pursh var. lewisii - IMF, KTZ, E/W

[Adenolinum lewisii (Pursh) A. Löve & D Löve] - SF!, W&W

[Linum lewisii Pursh] - Dorn01, HDH

[Linum perenne L. subsp lewisii (Pursh) Hultén] - UTF

[Linum perenne L. var. lewisii (Pursh) Eat. & J. Wright] - GPF

*Linum perenne L.

[WJ - A ubiquitous weed in CO It is the plant sold in highway pipeline revegetation mixtures as *L. lewisii*, which is seen widely along highways. *L. perenne* is very erect, producing a very attractive bouquet shaped plant with copious flowers. It has pin and thrum morphs. *L. lewisii* has fewer flowers and comes out of the ground nearly horizontally, its style exceeds anthers on all plants]

Linum pratense (Norton) Small - GPF, KTZ, E

[Adenolinum pratense (Norton) W. A. Weber] - SFE, W&W

Linum puberulum (Engelm.) A. Heller - Dorn01, GPF, HDH, IMF, KTZ, UTF, E/W

[Mesynium puberulum (Engelm.) W A. Weber] - SF!, W&W

Linum rigidum Pursh var. compactum (A. Nelson) C. M. Rogers - Dorn01, GPF, E

[Linum compactum A. Nelson] - HDH, KTZ

[Mesynium rigidum (Pursh) A. Löve & D. Löve] - SFE, W&W

Linum rigidum Pursh var. rigidum - Dorn01, GPF, KTZ, E

[Linum rigidum Pursh] - HDH

[Mesynium rigidum (Pursh) A. Löve & D. Löve] - SFE, W&W

Linum rigidum Pursh var. simulans C. M. Rogers - KTZ

*Linum usitatissimum L. - Dorn01, GPF, HDH, KTZ, SF!, W&W, E/W

[NS - evidently only 2 collections from CO and none from wild: one from 1890 at CS (WJ, pers comm) and one at GREE from 1905]

Mesyniopsis (see **Linum**)

Mesynium (see **Linum**)

Linnaeaceae - LNA

Linnaea borealis L. var. longiflora Torr. - Dorn01, IMF, UTF, E/W

[Linnaea borealis L.] - GPF

[Linnaea borealis L. subsp. americana (Forbes) Hultén] - W&W

[Linnaea borealis L. subsp. americana (Forbes) Hultén ex Clausen] - KTZ, W&W

[Linnaea borealis L. var. americana (Forbes) Rehder] - HDH

[Linnaea borealis L. subsp. longiflora (Torr.) Hultén] - KTZ, SF!

Loasaceae - LOA

(Identification sources: _____)

Acrolasia (see **Mentzelia**)

Cevallia sinuata Lag. - KWA, M&H, KTZ

Mentzelia
[NS - existing keys do not work well for some material in the southern part of our range {Schiebout08}]
Mentzelia albicaulis (Douglas ex Hook.) Douglas ex Torr. & A. Gray - KTZ, E/W
[Acrolasia albicaulis (Douglas) Rydb.] - SF!
[Acrolasia albicaulis (Douglas ex Hook.) Rydb] - W&W
[Acrolasia gracilis Rydb.] - SFE, W&W
[Mentzelia albicaulis (Hook.) Torr. & A. Gray] - GPF, UTF
[Mentzelia albicaulis (Dougl ex Hook) Dougl. ex Torr. & A. Gray] - Dorn01
[Mentzelia albicaulis Douglas ex Hook. var. albicaulis] - HDH
Mentzelia argillosa J. Darl. - KTZ, UTF, W
[Nuttallia argillosa (J. Darl.) W. A. Weber] - SFW, W&W
♦Mentzelia chrysantha Engelm. ex Brandegee - **ENDEMIC** **<CO>**, HDH, KTZ, E
[Mentzelia lutea Greene] - HDH, exp.
[Nuttallia chrysantha Greene] - SFE
[Nuttallia chrysantha (Engelm. ex Brandegee) Greene] - W&W
Mentzelia cronquistii H. J. Thomps. & Prigge - KTZ, W
[Mentzelia marginata (Osterh) H. J Thomps. & Prigge] - UTF
[Nuttallia cronquistii (H J. Thomps. & Prigge) W. A. Weber] - SFW, W&W
Mentzelia decapetala (Pursh ex Sims) Urb. & Gilg ex Gilg - Dorn01, KTZ, E
[Mentzelia decapetala (Pursh) Urb. & Gilg] - GPF, HDH
[Nuttallia decapetala (Pursh) Greene] - SFE
[Nuttallia decapetala (Pursh ex Sims) Greene] - W&W
♦Mentzelia densa Greene - **ENDEMIC** **<CO>**, HDH, KTZ, E
[Mentzelia speciosa (Osterh.) Greene]
[Nuttallia densa (Greene) Greene] - W&W
[Nuttallia speciosa (Osterh.) Greene] - SFE
Mentzelia dispersa S. Watson
[NS - following Dorn01 in not recognizing varieties in our region]
[Acrolasia dispersa (S. Watson) A Davids.] - SF!, W&W
[Mentzelia dispersa S. Watson] - GPF, UTF
[Mentzelia dispersa S. Watson var. compacta (A. Nelson) J. F. Macbr - HDH, KTZ, E/W
[Mentzelia dispersa S. Watson var dispersa] - HDH, KTZ, E/W
[Mentzelia dispersa S. Watson var latifolia (Rydb.) J. F. Macbr] - HDH, KTZ, E/W
[Mentzelia dispersa S. Watson] - GPF, UTF
Mentzelia humilis (A. Gray) J. Darl. - KWA, M&H, HDH, KTZ, W
[Acrolasia humilis Osterhout] - KTZ
[Acrolasia thompsonii (Glad.) W.A. Weber] - KTZ
[Mentzelia thompsonii Glad.] - KTZ
[Nuttalia gypsea Woot. & Standl.] - M&H
[Nuttallia humilis (A. Gray) Rydb.] - SFW, W&W, err. rep.
Mentzelia laciniata (Rydb.) J. Darl. - HDH, KTZ, W
[Nuttallia laciniata (Rydb.) Wooton & Standl] - SFW, W&W
Mentzelia laevicaulis (Douglas ex Hook.) Torr. & A. Gray var. laevicaulis - KTZ, W
[Mentzelia laevicaulis (Douglas) Torr. & A. Gray] - Dorn01, GPF, UTF
[Nuttallia laevicaulis (Douglas) Greene] - SFW
Mentzelia marginata (Osterh.) H. J. Thomps. & Prigge - KTZ, UTF, W
[Nuttallia marginata Osterh.] - SFW, W&W
Mentzelia montana (Davids.) Davids. - Dorn01, KTZ
[Acrolasia dispersa (S. Watson) Davids.] - W&W
[Mentzelia albicaulis (Hook.) Torr & A. Gray] - UTF

Mentzelia multicaulis (Osterh.) A. Nelson ex J. Darl. var. multicaulis - KTZ, W
[Mentzelia multicaulis (Osterh.) J Darl.] - HDH
[Mentzelia multicaulis (Osterh.) J Darl. var. multicaulis] - UTF
[Nuttallia multicaulis Osterh] - SFW
[Nuttallia multicaulis (Osterh) Osterh] - W&W
Mentzelia multicaulis (Osterh.) A. Nelson ex J. Darl. var. uintahensis N. H. Homgren & P. K. Holmgren - Holmgren02
{Mentzelia multiflora (Nutt.) A. Gray var. integra M. E. Jones} - KTZ <AZ, NM, UT>
{Mentzelia integra (M. E. Jones) Tidestr.} - HDH, exp., UTF
{Nuttallia pterosperma (Eastw.) Greene} - W&W
Mentzelia multiflora (Nutt.) A. Gray var. multiflora - KTZ, E/W
[Mentzelia multiflora (Nutt.) A. Gray] - GPF, HDH, UTF
[Nuttallia multiflora (Nutt.) Greene] - SF!, W&W
Mentzelia nuda (Pursh) Torr. & A. Gray
[Mentzelia nuda (Pursh) Torr. & A. Gray var. nuda] - HDH, KTZ, E
[Nuttallia nuda (Pursh) Greene] - SFE, W&W
[Mentzelia nuda (Pursh) Torr. & A. Gray var. stricta (Osterh.) Harrington] - HDH, KTZ, E
Mentzelia oligosperma Nutt. ex Sims - Dorn01, KTZ, W&W, E
[Mentzelia oligosperma Nutt.] - GPF, HDH, SFE
Mentzelia pterosperma Eastw. - HDH, KTZ, UTF, W
[Nuttallia pterosperma (Eastw) Greene] - SFW, W&W
Mentzelia pumila Torr. & A. Gray - Dorn01, GPF, HDH,
[NS - we follow Dorn01 and IMF in not recognizing varieties]
[Mentzelia integra (M.E. Jones) Tides.] - M&H
[Mentzelia multiflora var. integra M.E. Jones] - KTZ, M&H
[Nuttalliana integra (M.E. Jones) Rydb.] - M&H
[Mentzelia pumila Torr. & A. Gray var. integra M.E. Jones] - KWA, M&H, JM, not rep.
[Mentzelia pumila Torr. & A. Gray var. procera (Woot. & Standl.) J. Darl.] - KWA, M&H
[Mentzelia pumila Torr. & A. Gray var. pumila] - KTZ, Darlington34, UTF
[Nuttaliana springeri Standl.] - M&H
[Nuttalliana procera Woot. & Standl.] - M&H
[Nuttallia pumilia (Nutt.) Greene] - W&W, out of range
Mentzelia reverchonii (Urb. & Gilg) H. J. Thomps. & Zavort. - GPF, KTZ, E
[Nuttallia reverchonii (Urb & Gilg) W. A. Weber] - SFE, W&W
Mentzelia rhizomata Reveal - Reveal
Mentzelia rusbyi Wooton - Dorn01, KTZ, UTF, E/W
[Mentzelia nuda (Pursh) Torr. & A. Gray var. rusbyi (Wooton) Harrington] - HDH
[Nuttallia rusbyi (Wooton) Rydb.] - SF!, W&W
Mentzelia sinuata (Rydb.) R. J. Hill - Dorn01,KTZ, E
[Nuttallia sinuata (Rydb) Daniels] - SFE, W&W
Mentzelia speciosa Osterh. - Dorn01, KTZ, E
[Mentzelia multiflora (Nutt.) A. Gray] - UTF
[Nuttallia speciosa (Osterh.) Greene] - SFE, W&W
Mentzelia thompsonii Glad. - UTF, W
[Acrolasia humilis Osterh.] - SFW, W&W
[Mentzelia humilis (A. Gray) J. Darl.] - KTZ
{Mentzelia veatchiana Kellogg} - KTZ <AZ>
{Acrolasia veatchiana Kellogg} - W&W, misapp.
{Mentzelia albicaulis Douglas ex Hook }
{Mentzelia albicaulis Douglas ex Hook. var. veatchiana (Kellogg) Urban & Gilg} - HDH

Nuttallia (see **Mentzelia**)

Lobeliaceae (see **CAM**)

Loranthaceae – (see **SAN**; family boundaries with **SAN** and **VIS** still unresolved)

Lythraceae - LYT

{Ammannia coccinea Rottb.} - GPF, HDH, IMF, KTZ, W&W, misapp.
Ammannia robusta Heer & Regel - Dorn01,GPF, IMF, KTZ, SF!, W&W, E/W
[Ammannia coccinea Rottb. subsp. robusta (Heer & Regel) Koehne] - UTF

Lythrum alatum Pursh var. alatum - GPF, KTZ, E
[Lythrum alatum Pursh] - Dorn01,HDH, SFE, W&W
*Lythrum salicaria L.- Dorn01, GPF, IMF, KTZ, SF!, UTF, W&W, E/W

Rotala ramosior (L.) Koehne - GPF, IMF, KTZ, SF!, W&W, E/W
[Rotala ramosior (L.) Koehne var. interior Fernald & Grisc.]

Malvaceae - MLV

(Identification sources: _____)

Abutilon incanum (Link) Sweet subsp. incanum - E
[Abutilon incanum (Link) Sweet] - GPF, HDH, KTZ, SFE, W&W
Abutilon parvulum A. Gray - GPF, HDH rep., KTZ, SFE, UTF, W&W, E
*Abutilon theophrasti Medik. - Dorn01,GPF, HDH, exp.KTZ, SF!, UTF, W&W, E/W

*Alcea rosea L. - Dorn01, FCF, KTZ, SFE, W&W[1], E
[Althaea rosea Cav.] - HDH, corr. & add., GPF
[Althaea rosea L.] - W&W
[Althaea rosea (L.) Cav.] - UTF

Althaea (see **Alcea**)

✣Anoda cristata (L.) Schltdl. - GPF, KTZ, SFE, W&W, E
[WJ - collected once in onion field at CSU Experiment Station, Rocky Ford in 1966]

Callirhoë alcaeoides (Michx.) A. Gray - KWA, KTZ, M&H, JM, not rep.
[Sida alcaeoides Michx.] - M&H
Callirhoë involucrata (Torr. & A. Gray) A. Gray var. involucrata - KTZ, E
[Callirhoë involucrata (Nutt. ex Torr.) A. Gray] - Dorn01
[Callirhoe involucrata (Torr. & A. Gray) A. Gray] - GPF, HDH
[Callirhoë involucrata (Nutt. ex Torr.) A. Gray var. involucrata]
[Callirhoë involucrata (Torr. & A. Gray) A. Gray] - SFE, W&W
Callirhoë involucrata (Torr. & A. Gray) A. Gray var. lineariloba (Torr. & A. Gray) A. Gray - KTZ, Dorr90
[Callirhoë involucrata (Torr. & A. Gray) A. Gray - GPF
[Callirhoë involucrata (Nutt. ex Torr.) A. Gray var. lineariloba (Torr. & A. Gray) A. Gray

*Hibiscus trionum L. - Dorn01, GPF, HDH, KTZ, SF!, UTF, W&W, E/W

Iliamna

[NS - Taxonomy follows revision of entire genus (Bodo Slotta01) based primarily on ITS but also morphology]

(Identification sources: _____)

◆Iliamna crandallii (Rydb.) Wiggins - KTZ, SF!, W&W, Bodo Slotta01

[Sphaeralcea crandalii Rydb.] - Bodo Slotta01

[Phymosisa crandalii (Rydb.) Rydb] - Bodo Slotta01

Iliamna grandiflora (Rydb.) Wiggins - KTZ, SFW, W&W, E/W, Fryxell94, Bodo Slotta01

[Iliamna angulata Greene] - Bodo Slotta01

[Phymosia grandiflora (Rydb) Rydb.] - Bodo Slotta01

[Sphaeralcea grandiflora Ryd] - Bodo Slotta01

Iliamna rivularis (Douglas ex Hook.) Greene var. rivularis - KTZ, E/W

[Iliamna rivularis (Douglas) Greene] - HDH, SF!, UTF, W&W

[Iliamna rivularis (Douglas ex Hook.) Greene] - Dorn01

*Malva neglecta Wallr. - Dorn01,GPF, HDH, KTZ, SF!, UTF, W&W, E/W

*Malva parviflora L. - Dorn01, GPF, HDH, KTZ, SFE, UTF, W&W, E

*Malva pusilla Sm. - Dorn01

[Malva rotundifolia L.] - KTZ

*Malva sylvestris L. - Dorn01

*Malva verticillata L. - Dorn01,GPF, KTZ, E

[Malva crispa L.] - HDH

[Malva crispa (L.) L.] - SFE, W&W

[Malva verticillata L. var. crispa L.] - UTF

Malvella lepidota (A. Gray) Fryxell - W&W, err. rep., KTZ <AZ, NM>,

[Voucher of D. Clark & C. Crawford at COLO]

✣Malvella leprosa (Ortega) Krapov. - GPF, KTZ, SFE, UTF, W&W, E

[Sida hederacea (Douglas) Torr.] - HDH

Malvella sagittifolia (A. Gray) Fryxell - GPF, KTZ, SFE, W&W, E

[WJ - one collection, 1939, major disjuct from TX, likely a waif]

[Sida lepidota A. Gray var. sagittifolia A. Gray] - HDH

Sida (see also **Malvella**)

Sida neomexicana A. Gray - FCF

[NS - otherwise reported for CO?;[WJ - I know of no Colorado collections]

Sidalcea candida A. Gray var. candida - KTZ, UTF, E/W

[Sidalcea candida A. Gray] - Dorn01, HDH, SF!, W&W

Sidalcea candida A. Gray var. glabrata C. L. Hitchc. - KTZ, UTF, E/W

[Sidalcea candida A. Gray] - SF!, W&W

Sidalcea neomexicana A. Gray var. neomexicana - UTF, E/W

[Sidalcea neomexicana A. Gray] - Dorn01, HDH, SF!, W&W

[Sidalcea neomexicana A. Gray subsp. neomexicana] - KTZ

Sphaeralcea

(Identification sources: _____)

Sphaeralcea angustifolia (Cav.) G. Don - KTZ, E

[Sphaeralcea angustifolia (Cav.) G. Don var. cuspidata A. Gray] - GPF, HDH, SFE, W&W

Sphaeralcea coccinea (Nutt.) Rydb. - Dorn01, SFE, UTF

[Sphaeralcea coccinea (Nutt.) Rydb subsp coccinea] - KTZ
[Sphaeralcea coccinea (Pursh) Rydb.] - GPF
[Sphaeralcea coccinea (Pursh) Rydb subsp coccinea] - HDH, W&W
[Sphaeralcea coccinea (Nutt.) Rydb var. coccinea] - E/W
[Sphaeralcea coccinea (Nutt.) Rydb subsp dissecta (Nutt.) Kearney] - SFW
[Sphaeralcea coccinea (Pursh) Rydb. subsp. dissecta (Nutt.) Kearney] - HDH, W&W[1]
[Sphaeralcea coccinea (Nutt.) Rydb subsp elata (Baker f.) Kearney] - KTZ
[Sphaeralcea coccinea (Pursh) Rydb subsp elata (Baker f) Kearney] - HDH, W&W

{Sphaeralcea digitata (Greene) Rydb.} - HDH, exp.

{Sphaeralcea digitata (Greene) Rydb. subsp. digitata} - KTZ <AZ, NM, UT>
{Sphaeralcea digitata (Greene) Rydb. subsp. tenuipes (Wooton & Standl.) Kearney} - KTZ <NM>

Sphaeralcea fendleri A. Gray var. elongata Kearney - KWA, M&H, KTZ

[Sphaeralcea fendleri A. Gray subsp. elongata Kearney] - KTZ

Sphaeralcea fendleri A. Gray var. fendleri - **W**

[Sphaeralcea fendleri A. Gray] - GPF, HDH, SFW, W&W
[Sphaeralcea fendleri A. Gray subsp. fendleri] - KTZ

Sphaeralcea grossularifolia (Hook. & Arn.) Rydb. var. grossularifolia - FCF

{Sphaeralcea hastulata A. Gray} - KTZ <AZ, NM>

{Sphaeralcea subhastata J. M. Coult. subsp. connata Kearney} - HDH, exp.

Sphaerolcea incana Torr. ex A. Gray var. cuneata (Kearney) Kearney - KWA, M&H, JM, not rep.

[Sphaeralcea incana Torr. ex A. Gray subsp cuneata Kearney] - KTZ

Sphaeralcea incana Torr. ex A. Gray var. incana - KWA, M&H, JM, not rep.

[Sphaeralcea incana Torr. ex A. Gray subsp. incana] - KTZ <AZ, NM>

Sphaeralcea leptophylla (A. Gray) Rydb. - HDH, KTZ, SFW, UTF, W&W, W

Sphaeralcea munroana (Douglas ex Lindl.) Spach. ex A. Gray - Dorn01

[WJ - intentionally introduced at CSU Piceance Basin Oil Shale Study Site]
[Sphaeralcea munroana (Douglas) Spach.] - HDH, exp., UTF
[Sphaeralcea munroana (Douglas ex Lindl.) Spach ex A Gray subsp munroana] - KTZ
[Sphaeralcea munroana (Douglas ex Lindl.) Spach ex A Gray subsp subrhomboidea (Rydb) Kearney} - KTZ

Sphaeralcea parvifolia A. Nelson - HDH, KTZ, SFW, UTF, W&W, W

Martyniaceae - MAR

Martynia (see ***Proboscidea***)

Proboscidea louisianica (Mill.) Thell. subsp. louisianica - KTZ, E/W

[Martynia louisianica Mill.] - Dorn01, HDH
[Proboscidea louisianica (Mill) Thell.] - GPF, IMF, SF[1], UTF, W&W

Proboscidea parviflora (Woot.) Woot. & Standl. - KWA, M&H, KTZ, JM, not rep.

[Martynia parviflora Woot.] - M&H

Melanthiaceae - MLN

(Identification sources: _____)

Anticlea elegans (Pursh) Rydb. - SF!, W&W, FNA, Zomlefer01, Zomlefer02, FNA

[Anticlea alpina A. Heller] - FNA
[Anticlea chlorantha (Richardson) Rydb.] - FNA
[Anticlea coloradensis (Rydb) Rydb.] - FNA

[Anticlea glauca (Nuttall) Kunth] - FNA
[Anticlea gracilenta (Greene) R. R. Gates] - FNA
[Anticlea longa (Greene) A. Heller] - FNA
[Anticlea mohinorensis (Greenman) R. R. Gates] - FNA
[Melanthium glaucum Nutt.] - FNA
[Zigadenus alpinus Blankinship] - FNA
[Zigadenus chloranthus Richardson] - FNA
[Zigadenus coloradensis Rydb] - FNA
[Zigadenus dilatatus Greene] - FNA
[Zigadenus elegans Pursh] - Dorn01, FNA, GPF, HDH, IMF, UTF, E/W
[Zigadenus elegans Pursh subsp. elegans] - KTZ
[Zigadenus elegans var glaucus (Nutt.) Preece ex Cronquist] - FNA
[Zigadenus elegans subsp glaucus (Nutt) Hultén] - FNA
[Zigadenus glaucus (Nutt.) Nutt.] - FNA
[Zigadenus gracilentus Greene] - FNA
[Zigadenus longus Greene] - FNA
[Zigadenus mohinorensis Greeneman] - FNA
[Zigadenus washakie A. Nelson] - FNA

Anticlea vaginata Rydb. - Zomlefer01, Zomlefer02, SFW, W&W
[Zigadenus vaginatus (Rydb.) J. F. Macbr.] - FNA, KTZ, UTF, W
[Zigadenus elegans Pursh] - IMF

Anticlea virescens (Kunth) Rydb.] - Zomlefer01, Zomlefer02, SF!, W&W[1]
[Anticlea mexicana Kunth] - FNA
[Helonias virescens Kunth in A. von Humboldt] - FNA
[Zigadenus porrifolius Greene] - FNA
[Zigadenus virescens (Kunth) J. F. Macbr.] - FNA, KTZ, E/W
[Zigadenus virescens var porrifolus (Greene) O. S. Walsh ex Espejo & López-Ferrari] - FNA

Toxicoscordion paniculatum (Nutt.) Rydb. - W&W, Zomlefer01, Zomlefer02, SFW
[Helonias paniculata Nuttall] - FNA
[Zigadenus paniculatus (Nutt.) S. Watson] - Dorn01, FNA, HDH, IMF, KTZ, UTF, W

Toxicoscordion venenosum (S. Watson) Rydb. "var. gramineus" (Rydb.) Brasher comb. nov. ined.
[Toxicoscordion venenosum (S Watson) Rydb.] - SF!, W&W
[Toxicoscordion acutum (Rydb) Rydb.] - FNA
[Toxicoscordion falcatum (Rydb.) Rydb.] - FNA
[Toxicoscordion intermedium (Rydb.) Rydb.] - FNA
[Zigadenus acutus Rydb.] - FNA
[Zigadenus falcatus Rydb.] - FNA
[Zigadenus gramineus Rydb.] - HDH
[Zigadenus intermedius Rydb.] - FNA
[Zigadenus venenosus S. Watson var. gramineus (Rydb.) Walsh ex M. Peck] - Dorn01, FNA, GPF, IMF, KTZ, UTF, E/W

Trillium ovatum Pursh subsp. ovatum - FNA, KTZ, E/W
[Trillium ovatum Pursh] - Dorn01, HDH, SF!, W&W

Veratrum californicum T. Durand - Dorn01, HDH, W&W, misapp., E/W
[Veratrum californicum T. Durand var. californicum] - IMF, FNA
[Veratrum tenuipetalum A. Heller] - KTZ, SF!, W&W

Menyanthaceae - MNY

Menyanthes trifoliata L. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Mimosaceae (see **FAB**)

Molluginaceae - MOL

✣Mollugo verticillata L. - Dorn01, GPF, HDH, KTZ, SFE, W&W, E

Monotropaceae (see **ERI**)

Moraceae - MOR (see also **CAN**)

✣Maclura pomifera (Raf.) C. K. Schneid. - FNA, GPF, KTZ, SFE, exp., SFW, UTF, W&W, W

✻Morus alba L. - Dorn01, FNA, GPF, KTZ, SF!, UTF, W&W, E/W

Myrsinaceae - MRS (some formerly in **PRM**)

(Identification sources: _____)

✻Anagallis arvensis L. - GPF, HDH, exp., UTF
[Anagallis arvensis L. forma coerulea (Schreb.) Baumg.] - W&W[1]
[Anagallis arvensis L. subsp. foemina (Mill.) Schinz & Thell.] - KTZ
Anagallis minima (L.) E. H. L. Krause - KTZ, SFE, W&W, E
[Centunculus minimus L.] - HDH, exp., Dorn01

Glaux maritima L. - Dorn01, GPF, HDH, KTZ, SF!, UTF, E/W
[Glaux maritima L. var. angustifolia B. Boivin] - W&W
[Glaux maritima L. subsp. obtusifolia (Fernald) B. Boivin]

Lysimachia ciliata L. - Dorn01, GPF, HDH, KTZ, SF!, UTF, W&W, E/W
✻Lysimachia nummularia L. - GPF, KTZ, SFE, UTF, W&W, E
Lysimachia thyrsiflora L. - Dorn01, GPF, HDH, KTZ, UTF, E
[Naumburgia thyrsiflora (L.) Rchb.] - SFE, W&W
✻Lysimachia vulgaris L. - KTZ, SFE, W&W, E

Naumburgia (see **Lysimachia**)

Najadaceae (see also **HDC, POT, RUP**)

{Najas flexilis (Willd.) Rostk. & W. L. E. Schmidt}- FNA, HDH rep., KTZ <AZ, NE, UT>
✣Najas guadalupensis (Spreng.) Magnus subsp. guadalupensis - FNA, KTZ, E/W
[Najas guadalupensis (Spreng.) Magnus] - GPF, SFE, W&W
[Najas guadalupensis (Spreng.) Morong] - Dorn01, HDH, IMF, SFW, UTF
[Najas guadalupensis (Spreng.) Morong var. guadalupensis] - RMC

Nolinaceae (see **RUS**)

Nyctaginaceae - NYC

(Identification sources: _____)

Abronia elliptica A. Nelson - KTZ, SFW, W&W, Ackerfield08
[Abronia fragrans Nutt. ex Hook.] - UTF
[Abronia fragrans Nutt. ex Hook. var. elliptica (A. Nelson) Heimerl] - HDH
[Abronia fragrans Nutt. ex Hook. var. elliptica (A. Nelson) M. E. Jones] - Dorn01, W
[Abronia salsa Rydb.] - HDH
Abronia fragrans Nutt. ex Hook. - Ackerfield08, GPF, KTZ, UTF, W&W
[Abronia carletonii J. M. Coult & Fisher] - HDH, KTZ, SFE, W&W, E
[Abronia fragrans Nutt.] - SF!
[Abronia fragrans Nutt. ex Hook. var. fragrans] - Dorn01, HDH, E/W
[Abronia fragrans Nutt. ex Hook. var. glaucescens A. Nels.] - HDH
Abronia glabrifolia Standl. - Ackerfield08
[Abronia argillosa S. L. Welsh & Goodrich] - KTZ, SFW, UTF, W&W, W
Abronia nana S. Watson var. nana - KTZ, UTF, W, Ackerfield08
[Abronia nana S. Watson] - SFW, W&W

Allionia choisyi Standl. - HDH, KTZ, SFE, W&W, E
Allionia incarnata L. - GPF, HDH, SF!, UTF, W&W, E/W
[Allionia incarnata L. var. incarnata] - KTZ

Mirabilis albida (Walter) Heimerl - GPF, KTZ, W&W
[Mirabilis oblongifolia] - KTZ, FCF
Mirabilis alipes (S. Watson) Pilz - KTZ, SFW, UTF, W&W, W
Mirabilis comata (Small) Standl. - HDH, KTZ, W
[Oxybaphus comatus (Small) Weatherby] - SFW, W&W
Mirabilis decipens (Standl.) Standl. - HDH rep., KTZ
[Mirabilis linearis (Pursh) Heimerl var. decipiens (Standl.) S. L. Welsh] - UTF
[Oxybaphus linearis (Pursh) B. L. Rob.] - W&W
Mirabilis glabra (S. Watson) Standl. - GPF, HDH, exp., KTZ, E
[Mirabilis carletonii (Standl.) Standl.] - GPF, HDH
[Oxybaphus carletonii (Standl.) Weatherby] - SFE, W&W
[Oxybaphus glaber S. Watson] - SFE, W&W
Mirabilis hirsuta (Pursh) MacMill. - Dorn01, GPF, HDH, KTZ, E
[Oxybaphus hirsutus (Pursh) Sweet] - SFE, W&W
Mirabilis linearis (Pursh) Heimerl - Dorn01, GPF, HDH, KTZ, E/W
[Mirabilis gausapoides (Standl.) Standl.] - GPF
[Mirabilis lanceolata (Rydb.) Standl.] - HDH
[Mirabilis linearis (Pursh) Heimerl var. linearis] - UTF
[Oxybaphus decumbens (Nutt.) Sweet] - SFE, W&W
[Oxybaphus exaltatus (Standl.) Weatherby] - SFE, W&W
[Oxybaphus linearis (Pursh) B. L. Rob.] - SF!, W&W
Mirabilis melanotricha (Standl.) Spellenb. - specimens at GREE
Mirabilis multiflora (Torr.) A. Gray var. glandulosa (Standl.) J. F. Macbr. - KTZ, W
[Mirabilis glandulosa (Standl.) W. A. Weber] - SFW, W&W
[Mirabilis multiflora (Torr.) A. Gray] - UTF
Mirabilis multiflora (Torr.) A. Gray var. multiflora - KTZ, E/W
[Mirabilis multiflora (Torr.) A. Gray] - HDH, SF!, UTF, W&W
Mirabilis nyctaginea (Michx.) MacMill. - Dorn01, GPF, HDH, KTZ, UTF, E
[Oxybaphus nyctagineus (Michx.) Porter] - W&W
[Oxybaphus nyctagineus (Michx.) Porter & Coult.] - SFE

Mirabilis oxybaphoides (A. Gray) A. Gray - GPF, KTZ,UTF, W&W, E/W
[Mirabilis oxybaphoides A. Gray] - HDH, SF!
♦Mirabilis rotundifolia (Greene) Standl. - **ENDEMIC <CO>**, HDH, KTZ, E
[Oxybaphys rotundifolius (Greene) Standl] - SFE, W&W

Oxybaphus (see **Mirabilis**)

Tripterocalyx carnea (Greene) L. A. Galloway var. wootonii (Standl.) L. A. Gallaway -KTZ, W&W, W
[Tripterocalyx carneus (Greene) L. A. Galloway var. wootonii (Standl.) L. A. Gallaway] - SFW, UTF, W&W!
[Tripterocalyx wootonii Standl.] - HDH
Tripterocalyx micranthus (Torr.) Hook. - Dorn01, GPF, HDH, KTZ, SF!, UTF, W&W, E/W

Nymphaeaceae - NYM

Nuphar polysepala Engelm. - Dorn01, FNA, E/W
[Nuphar lutea (L.) Sm. subsp. polysepala (Engelm.) E. O. Beal] - KTZ
[Nuphar lutea Sibth. & Sm. subsp. polysepala (Engelm.) E. O. Beal] - SF!, W&W
[Nuphar polysepalum Engelm.] - HDH, UTF

✣Nymphaea odorata Aiton var. odorata
[Nymphaea odorata Aiton] - GPF, UTF
[Nymphaea odorata Aiton subsp. odorata] - FNA, KTZ
[Nymphaea odorata Sol.] - W&W

Oleaceae - OLE

Forestiera pubescens Nutt. var. pubescens - KTZ, W
[Forestiera neomexicana A. Gray] - WJ, HDH, IMF
[Forestiera pubescens Nutt.] - GPF, SFW, UTF, W&W

{Fraxinus americana L.} - GPF, IMF, KTZ, UTF, W&W
{WJ - no evidence that it occurs out of cultivation}
{Fraxinus americanus L.} - HDH
Fraxinus anomala Torr. ex S. Watson - HDH, IMF, UTF, W&W, W
[Fraxinus anomala Torr.] - SFW
[Fraxinus anomala Torr. ex S. Watson var. anomala] - KTZ
✣Fraxinus pennsylvanica Marshall - Dorn01, GPF, HDH, IMF, KTZ, E
[Fraxinus pennsylvanica Marshall var. lanceolata Sarg.] - HDH
[Fraxinus pennsylvanica Marshall var. lanceolata (Borkh.) Sarg.] - SFE, UTF, W&W

✻Ligustrum vulgare L. - GPF, IMF, KTZ<NE, UT>, UTF
[WJ - cultivated and escaping]

Menodora scabra A. Gray - IMF, KTZ, UTF, E
[Menodora scabra (Engelm.) A Gray] - HDH, SFE, W&W

✻Syringa vulgaris L. - GPF, Hartman06, IMF, KTZ<KS, UT>, UTF

Onagraceae - ONA

[NS - Includes changes from Wagner07; primarily the merging of *Calylophus*, *Guara*, and *Stenosiphon* into *Oenothera*, and the splitting of *Camissonia* into several segregate genera.]

(Identification sources: _____)

Calylophus (see **Oenothera**)

{Calylophus berlandieri Spach subsp. berlandieri} - GPF, KTZ, E

{Calylophus berlandieri Spach} - SFE, W&W

{WJ - presence in CO based on report by Towner (Ann Mo. Bot Gard 64: 48-120 [1977]), who cited a collection of Brenckle at SMU (*Brenckle 48124*) 12 mi S of Trinidad. This is a species of the Texas plains and otherwise occurs no closer than Hartley Co., TX at ca 3900 ft elevation. The cited locality 12 mi S of Trindad (CO) would be near the summit of Raton Pass at 7000 ft This site is out of range, habitat, and elevation. There is no evidence Brenckle ever collected in CO. The specimen probably was taken near Trinidad, TX, ca 50 mi SE of Dallas}

Camissonia (see also **Holmgrenia, Chylisimia, Eremothera, Taraxia)**

{Camissonia chamaenerioides (A. Gray) P. H. Raven} - IMF,KTZ<AZ, NM, UT>, UTF

{Oenothera chamaenerioides A Gray} - HDH, exp

{Camissonia multijuga (S. Watson) P. H. Raven} - IMF, KTZ <AZ, UT>, UTF, W&W, out of range

{Oenothera multijuga S. Watson var. multijuga} - HDH

{Oenothera multijuga S. Watson var. orientalis Munz} - HDH

Camissonia parvula (Nutt. ex Torr. & A. Gray) P. H. Raven - Dorn01, IMF, KTZ, W&W, W, Wagner07

[Camissonia parvula (Nutt) P. H Raven] - SFW, UTF

Chamerion angustifolium (L.) Holub var. canescens (A. W. Wood) N. H. Holmgren & P. K. Holmgren - Dorn01, IMF, E/W

[Chamerion angustifolium (L) Holub subsp circumvagum (Mosquin) Kartesz] - KTZ

[Chamerion danielsii D. Löve] - SFW, W&W

[Chamerion danielsii (Daniels) D. Löve] - SFE

[Epilobium angustifolium L. subsp. circumvagum Mosquin] - GPF

[Epilobium angustifolium L. var. canescens A. W. Wood] - UTF

[Epilobium angustifolium L. var. platyphyllum (Daniels) Fernald - HDH

Chamerion latifolium (L.) Holub - Dorn01, IMF, KTZ, Raven72, E/W

[Chamerion subdentatum (Rydb.) A. Löve & D. Löve] - SF!, W&W

[Epilobium latifolium L.] - HDH, UTF

Chylismia eastwoodiae (Munz) W. L. Wagner & Hoch - Wagner07

[Camissonia eastwoodiae (Munz) P. H Raven - IMF, KTZ, SFW, UTF, W&W, W

[Oenothera eastwoodiae (Munz) P H. Raven – KTZ

[Oenothera scopoidea Nutt. ex Torr. & A. Gray var eastwoodiae Munz] - HDH

Chylismia scapoidea (Torr. & A. Gray) Small subsp. scapoidea - Wagner07

[Camissonia scapoidea (Torr. & A. Gray) P. H. Raven] - Dorn01, SFW, W&W

[Camissonia scapoidea (Nutt. ex Torr. & A. Gray) P. H. Raven subsp. scapoidea] - KTZ

[Camissonia scapoidea (Torr. & A. Gray) P. H. Raven var. scapoidea - IMF, UTF, W

[Oenothera scopoidea Nutt. ex Torr. & A. Gray var. scopoidea] - HDH

Chylisimia walkeri (A. Nelson) - Wagner07

[Camissonia walkeri (A Nelson) P H. Raven subsp. walkeri] - KTZ, W

[Camissonia walkeri (A Nelson) P H. Raven] - IMF, SFW, UTF, W&W

Circaea alpina L. var. alpina - Dorn01

[Circaea alpina L.] - HDH
[Circaea alpina L. subsp. alpina] - GPF, KTZ, W&W, W&W[1], European
Circaea alpina L. var. pacifica (Asch. & Magnus) M. E. Jones - Dorn01, IMF, UTF, E/W
[Circaea alpina L. subsp pacifica (Asch. & Magnus) P H. Raven] - KTZ, SF!, W&W
[Circaea pacifica Asch. & Magnus] - HDH

Epilobium

(Identification sources: _____)

Epilobium (see also **Chamerion**)
Epilobium anagallidifolium Lam. - Dorn01, KTZ, SF!, W&W, E/W
[Epilobium alpinum L.] - HDH
[Epilobium alpinum L. var. alpinum] - IMF, UTF
Epilobium brachycarpum C. Presl - Dorn01, IMF, KTZ, SF!, UTF, W&W, E/W
[Epilobium paniculatum Nutt. ex Torr. & A. Gray] - GPF, HDH
{Epilobium canum (Greene) P. H. Raven var. garrettii (A. Nelson) N. H. Holmgren & P. K. Holmgren} - IMF
{Epilobium canum (Greene) P. H. Raven subsp. garrettii (A. Nelson) P. H. Raven} - KTZ
{Zauschneria garrettii A. Nelson} - HDH, exp.
{Zauschneria latifolia (Hook.] Greene var. garrettii (A. Nelson) Hilend} - UTF
Epilobium ciliatum Raf. var. ciliatum - Dorn01, IMF, E/W
[Epilobium brevistylum Barbey] - HDH, W&W
[Epilobium ciliatum Raf.] - HDH, exp., SF!, UTF
[Epilobium ciliatum Raf. subsp. ciliatum] - GPF, KTZ,
Epilobium ciliatum Raf. var. glandulosum (Lehm.) Dorn - Dorn01, IMF, E/W
[Epilobium adenocaulon Haussk. var. adenocaulon] - HDH
[Epilobium adenocaulon Haussk. var. occidentale Trel.] - HDH
[Epilobium ciliatum Raf.] - SF!
[Epilobium ciliatum Raf. subsp. glandulosum (Lehm.) Hoch & P. H. Raven] - GPF, KTZ, W&W
[Epilobium glandulosum Lehmann] - HDH, exp., UTF
[Epilobium occidentale (Trel.) Rydb.]
Epilobium clavatum Trel. - Dorn01, HDH, KTZ, SF!, W&W, E/W
[Epilobium alpinum L. var. clavatum (Trel.) C. L. Hitchc] - IMF, UTF
Epilobium halleanum Haussk. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Epilobium hornemannii Rchb. subsp. hornemannii - KTZ, E/W
[Epilobium hornemannii Haussk.] - SFW
[Epilobium hornemannii Rchb.] - Dorn01, GPF, HDH, SFE, W&W
[Epilobium hornemannii Rchb. var. hornemannii] - IMF, UTF
Epilobium lactiflorum Haussk. - Dorn01, HDH, KTZ, SF!, W&W, E/W
[Epilobium hornemannii Rchb. var. lactiflorum (Haussk.) D Löve] - IMF, UTF
Epilobium leptocarpum Haussk. - KTZ, SF!, E/W
[Epilobium leptocarpum Haussk. var. macounii Trel.] - W&W, HDH
Epilobium leptophyllum Raf. - GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
[Epilobium palustre L. var. gracile (Farw.) Dorn] - RMC
{Epilobium minutum Lindl. ex Lehm.} - KTZ
{Epilobium minutum Lindl. ex Hook.} - HDH, exp.
{Epilobium minutum Lindl.} - IMF
Epilobium oregonense Haussk. - Dorn01, IMF, KTZ
Epilobium palustre L. var. gracile (Farw.) Dorn - Dorn01
Epilobium palustre L. var. palustre - Dorn01, E
[Epilobium palustre L.] - GPF, IMF, KTZ

[Epilobium palustre L. var. grammadophyllum Haussk.] - HDH, SFE, W&W
Epilobium pygmaeum (Spreg.) Hoch & Raven - Dorn01
[Boisduvalia glabella (Nutt.) Walp] - KTZ
[Boisduvalia glabella (Nutt.) var. campestris (Jepson) Jepson] -KTZ
[Boisduvalia pygmea (Spreg) Munz] - KTZ
[Oenothera glabella Nutt] - KTZ
Epilobium saximontanum Haussk. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Eremothera minor (A. Nelson) W. L. Wagner & Hoch - Wagner07
[Camissonia minor (A. Nelson) P. H. Raven] - Dorn01, IMF, KTZ, SFW, UTF, W&W, W
[Oenothera minor (A. Nelson) Munz] - HDH, exp

Gaura (see **Oenothera**)

Gayophytum decipiens F. H. Lewis & Szweyk. - Dorn01, IMF, KTZ, SF!, rep., UTF, W&W
Gayophytum diffusum Torr. & A. Gray var. strictipes (Hook.) Dorn - Dorn01, IMF, E/W
[Gayophytum diffusum Torr. & A Gray] - UTF
[Gayophytum diffusum Torr & A Gray subsp parviflorum F. H Lewis & Szweyk] - GPF, KTZ, SF!, W&W
[Gayophytum lasiospermum Greene] - UTF
[Gayophytum lasiospermum Greene var. lasiospermum] - HDH, UTF
[Gayophytum nuttallii Torr. & A. Gray] - HDH
Gayophytum racemosum Torr. & A. Gray - Dorn01, GPF, IMF, KTZ, SF!, UTF, W&W, E/W
[Gayophytum helleri Rydb. var. glabrum Munz] - HDH
[Gayophytum racemosum Torr. & A. Gray var. racemosum] - HDH
Gayophytum ramosissimum Torr. & A. Gray - Dorn01, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Holmgrenia andina (Nutt.) - Wagner07
[Camissonia andina (Nutt.) P. H. Raven] - Dorn01, IMF, KTZ, SFW, UTF, W&W, W
[Oenothera andina Nutt. ex Torr. & A. Gray] - HDH, exp.

Oenothera (see also **Calylophus, Camissonia**)

(Identification sources: _____)

Oenothea acutissima W. L. Wagner - IMF, KTZ,SFW, W&W, W
[Oenothera flava (A. Nelson) Garrett var. acutissima (W. L. Wagner) S. L. Welsh] - UTF
Oenothera albicaulis Pursh - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Oenothera canescens Torr. & Frém. - GPF, HDH, KTZ, SFE, W&W, E
{Oenothera cavernae Munz} -IMF, KTZ <AZ, UT>, UTF; Wagner85, err. rep.
Oenothera cespitosa Nutt. var. cespitosa - Dorn01, E/W
[Oenothera caespitosa Nutt. subsp. caespitosa] - GPF, SF!
[Oenothera caespitosa Nutt. ex Fraser subsp. caespitosa] - W&W
[Oenothera caespitosa Nutt. var. caespitosa] - IMF, UTF
[Oenothera caespitosa Nutt. ex Fraser var. caespitosa] - HDH, exp.
[Oenothera caespitosa Nutt. ex Fraser var. montana (Nutt.) T. Durand] - HDH
[Oenothera cespitosa Nutt. subsp. cespitosa] - KTZ
{Oenothera cespitosa Nutt. var. crinita (Rydb.) Munz}
{Oenothera caespitosa Nutt. var. crinita (Rydb.) Munz} - IMF, UTF
{Oenothera caespitosa Nutt. ex Fraser var. jonesii Munz} - HDH, exp.
{Oenothera cespitosa Nutt. subsp crinita (Rydb) Munz} - KTZ <AZ, UT>

Oenothera cespitosa Nutt. var. macroglottis (Rydb.) Cronquist - Dorn01, E/W
[Oenothera caespitosa Nutt. subsp. macroglottis (Rydb) W. L. Wagner] - SFE
[Oenothera caespitosa Nutt. subsp. macroglottis (Rydb) W L. Wagner, Stockh , & W. M. Klein] - GPF, SFW
[Oenothera caespitosa Nutt. var. macroglottis (Rydb.) Cronquist] - IMF, UTF
[Oenothera caespitosa Nutt. ex Fraser subsp. macroglottis (Rydb) W L. Wagner, Stockh & W. M. Klein] - W&W
[Oenothera cespitosa Nutt. subsp macroglottis (Rydb.) W. L Wagner] - KTZ
Oenothera cespitosa Nutt. var. marginata (Nutt. ex Hook. & Arn.) Munz - Dorn01, W
[Oenothera caespitosa Nutt. var. marginata (Nutt.) Munz] - UTF
[Oenothera caespitosa Nutt. var. marginata (Nutt. ex Hook & Arn.) Munz] - IMF
[Oenothera caespitosa Nutt. subsp. marginata (Nutt.) W. L. Wagner, Stockh., & W. M. Klein] - SFW
[Oenothera caespitosa Nutt. ex Fraser subsp. marginata (Nutt.) W. L. Wagner, Stockh., & W. M. Klein] - W&W
[Oenothera caespitosa Nutt. ex Fraser var. eximia (A. Gray) Munz] - HDH
[Oenothera caespitosa Nutt. ex Fraser var. marginata (Nutt.) Munz] - HDH
[Oenothera cespitosa Nutt. subsp. marginata (Nutt. ex Hook & Arn.) Munz] - KTZ
Oenothera cespitosa Nutt. var. navajoensis (W. L. Wagner, Stockh., & W. M. Klein) Cronquist - W
[Oenothera caespitosa Nutt. var. navajoensis (W L Wagner, Stockh., & W. M Klein) Cronquist] - IMF, UTF
[Oenothera caespitosa Nutt. subsp. navajoensis W. L. Wagner, Stockh., & W. M. Klein] - SFW
[Oenothera caespitosa Nutt ex Fraser subsp navajoensis W. L. Wagner, Stockh., & W. M Klein] - W&W
[Oenothera cespitosa Nutt. subsp. navajoensis W. L. Wagner, Stockh., & W. M. Klein] - KTZ
Oenothera cinerea (Woot. & Standley) W. L. Wagner & Hoch susp. cinerea - Wagner07
[Gaura villosa Torr.] - SFE, W&W
[Gaura villosa Torr. subsp. villosa] - GPF, KTZ
[Gaura villosa Torr. var. villosa - HDH, E
Oenothera cinerea (Woot. & Standley) W. L. Wagner & Hoch susp. parskii - Wagner07
[Guara villosa Torr. subps. parksii (Munz) P H. Raven & Gregory] - KTZ
[Guara villosa Torr. var. parskii Munz] - KTZ
Oeonthera coloradoensis Rydb. subsp. colodoensis - Wagner07
[Gaura neomexicana Wooton] - SFW
[Gaura neomexicana Wooton subsp. neomexicana] - KTZ, SFW, W&W
[Gaura neomexicana Wooton var. neomexicana] - HDH, W
Oeonthera coloradoensis Rydb. subsp. neomexicana (Woot.) W. L. Wagner & Hoch - Wagner07
[Gaura neomexicana Wooton] - SFW
[Gaura neomexicana Wooton subsp. coloradensis (Rydb.) P. H Raven & D P. Greg.] - GPF, KTZ, SFE, W&W
[Gaura neomexicana Wooton var. coloradensis (Rydb) Munz] - Dorn01, HDH, E
Oenothera coronopifolia Torr. & A. Gray - Dorn01, GPF, HDH, IMF, KTZ, SF!, W&W, E/W
Oenothera curtiflora W. L. Wagner & Hoch - Wagner07
[Gaura mollis E. James] - KTZ, SF!, W&W[1]
[Gaura parviflora Douglas] - GPF
[Gaura parviflora Douglas ex Lehm.] - Dorn01, IMF, UTF, W&W, E/W
[Gaura parviflora Douglas ex Hook. var. lachnocarpa Weatherby] - HDH
[Gaura parviflora Douglas ex Hook. var. parviflora] - HDH
[Gaura parviflora Douglas ex Hook forma glabra Munz] - HDH
Oenothera elata Kunth var. hirsutissima (A. Gray ex S. Watson) Cronquist - IMF, E/W
[Oenothera elata Kunth] - UTF
[Oenothera elata Kunth subsp. hirsutissima (A. Gray) W. Dietr. & W. L. Wagner] - SF!
[Oenothera elata Kunth subsp. hirsutissima (A. Gray ex S. Watson) W. Dietr.] - GPF, KTZ
[Oenothera elata Kunth subsp. hirsutissima (A. Gray ex S. Watson) W. Dietr. & W. L. Wagner] - W&W
[Oenothera hookeri Torr. & A. Gray subsp. angustifolia (Gates) Munz] - HDH
[Oenothera hookeri Torr. & A. Gray subsp. hewettii Cockerell] - HDH
[Oenothera hookeri Torr. & A. Gray subsp. hirsutissima (A. Gray) Munz] - HDH
Oenothera engelmannii (Small) Munz - KWA, M&H, KTZ, GPF, HDH

[Anogra engelmannii (Small) Woot. & Standl.] - KWA, M&H, JM, not rep.

Oenothera filiformis (Small) W. L. Wagner & Hoch - Wagner07

[Gaura longiflora Spach] - GPF, KTZ

[Gaura filiformis Small] - KTZ

[Gaura pitcheri (Torr. & A. Gray) Small] - KTZ

Oenothera flava (A. Nelson) Garrett - Dorn01, GPF, HDH, IMF, SFE, W&W, E/W

[Oenothera flava (A. Nelson) Garrett subsp. flava] - KTZ

[Oenothera flava (A. Nelson) Garrett var flava] - UTF

[Oenothera flava (A. Nelson) Munz] - SFW

Oenothea glaucifolia W. L. Wagner & Hoch - Wagner07

[Stenosiphon linifolius (Nutt. ex E. James) Heynh.] - KTZ, SFE, W&W[1], E

[Stenosiphon linifolium (Nutt.) Britton] - HDH, exp.

[Stenosiphon linifolius (Nutt.) Heynh.] - GPF, W&W

Oenothera glazoviana Micheli - FCF

[Oenothera erythrosepala Borbás] - KTZ

Oenothera grandis (Britton) Smyth - GPF, KTZ, SFE, W&W, E

♦Oenothera harringtonii W. L. Wagner - **ENDEMIC** <CO>, KTZ, E

[Oenothera harringtonii W. L. Wagner, Stockh., & W. M. Klein] - GPF, SFE, W&W

Oenothera hartwegii (Benth.) P. H. Raven subsp. fendleri (A. Gray) Towner & P H. Raven - Wagner07

[Calylophus hartwegii (Benth.) P. H Raven subsp fendleri (A. Gray) Towner & P. H Raven] - GPF, KTZ

Oenothera hartwegii (Benth.) P. H. Raven subsp. pubescens (A. Gray) Towner & P. H. Raven – Wagner07

[Calylophus hartwegii (Benth.) P. H. Raven subsp. pubescens (A. Gray) Towner & P. H. Raven] - GPF, KTZ,W&W, E, SFE

[Oenothera greggii A. Gray var. lampasana (Bockll.) Munz] - HDH

Oenothera howardii (A. Nelson) W. L.Wagner - Dorn01, GPF, IMF, KTZ, SFE, UTF, W&W, E

[Oenothera brachycarpa A. Gray var. wrightii (A Gray) Lèveillè] - HDH, W&W

{Oenothera jamesii Torr. & A. Gray} - GPF, HDH rep., KTZ <KS, OK>, W&W

✣{Oenothera kleinii W. L. Wagner & S. W. Mill.} - SFW, W&W, W

[NS - To be reduced to synonymy of Oenothera deltoides Torr. & Frém. var. deltoides by W. L. Wagner (pers. comm., Nov. 2003)]

Oenothera laciniata Hill - KWA, KTZ

[Oenothera laciniata Hill var. mexicana Small] - KWA, M&H

[Oenothera mexicana Spach] - KWA, M&H

[Raimannia laciniata (Hill) Rose] - KTZ

[Raimannia mexicana (Spach) Woot. & Standl.] - KWA, M&H

Oenothera latifolia (Rydb.) Munz - Dorn01, GPF, HDH, KTZ, SFE, W&W, E

[Oenothera pallida Lindl. subsp. pallida var. latifolia Rydb] - IMF

Oenothera lavandulifolia (Torr. & A. Gray) P. H. Raven - Wagner07

[Calylophus lavandulifolius (Torr. & A. Gray) P. H. Raven] - Dorn01, KTZ, SF!, W&W, E/W

[Oenothera lavandulifolia Torr. & A. Gray var. glandulosa Munz] - HDH

[Oenothera lavandulifolia Torr. & A. Gray var. lavandulifolia] - HDH

Oenothera longissima Rydb. - HDH, IMF, KTZ, SFW, UTF, W&W, W

Oenothera nuttallii Sweet - Dorn01, GPF, HDH, KTZ, SFE, W&W, E

Oenothera pallida Lindl. var. pallida - Dorn01, HDH, UTF, W

[Oenothera pallida Lindl.] - SFW

[Oenothera pallida Lindl. subsp. pallida] - KTZ, W&W

[Oenothera pallida Lindl. subsp. pallida var. pallida] - IMF

Oenothera pallida Lindl. var. runcinata (Engelm.) Cronquist - E

[Oenothera pallida Lindl. subsp. pallida var. runcinata (Engelm) Cronq.] - IMF

[Oenothera pallida Lindl. subsp. runcinata (Engelm.) Munz & W. Klein] - KTZ, SFE, W&W

[Oenothera pallida Lindl. var. pallida] - UTF

Oenothera pallida Lindl. var. trichocalyx (Nutt.) Dorn - Dorn01, UTF, W
[Oenothera pallida Lindl. subsp. trichocalyx (Nutt.) Munz & W. Klein] - IMF, KTZ, SFW
[Oenothera pallida Lindl. subsp. trichocalyx (Nutt. ex Torr. & A. Gray) Munz & W. Klein] - W&W
[Oenothera trichocalx Nutt. ex Torr. & A. Gray] - HDH
{Oenothera primiveris A. Gray} - HDH, exp.
{Oenothera primiveris A. Gray subsp. bufonis (M. E. Jones) Munz} - KTZ <AZ, UT>
{Oenothera primiveris A. Gray subsp. primiveris} - KTZ <AZ, NM>
Oenothera pubescens Willd. ex Sprengel - KWA, KTZ
[Angora amplexicaulis (Woot. & Standl.) Tidestr.] - KWA, M&H
[Oenothera amplexicaulis (Woot. & Standl.) Tidestr.] - M&H
[Oenothera laciniata subsp. pubescens (Willd. ex Sprengel) Munz] - KWA, M&H, KTZ
[Oenothera laciniata var. pubescens (Willd. ex Sprengel) Munz] - KWA, M&H, KTZ
Oenothera rosea L'Her. - KWA, M&H
[Hartmannia rosea (Aiton) G. Don] - KWA, JM, KTZ
Oenothera serrulata Nutt. var. serrulata - HDH, Wagner07
[Calylophus australis Towner & P. H. Raven] - KTZ
[Calylophus serrulatus (Nutt.) P. H. Raven] - Dorn01, GPF, KTZ, SFE, W&W, E
[Meriolix oblanceolata Rydb.] - KTZ
[Meriolix serrulata (Nutt.) Walp.] - KTZ
Oenothera suffretescens (Ser.) W. L. Wagner & Hoch - Wagner07
[Gaura coccinea (Nutt.) Pursh - Dorn01, E/W
[Gaura coccinea Pursh] - GPF, IMF, UTF
[Gaura coccinea Nutt.] - SF!
[Gaura coccinea Nutt. ex Pursh] - KTZ, W&W
[Gaura coccinea Nutt. ex Pursh var. coccinea] - HDH
[Gaura coccinea Nutt. ex Pursh var. glabra (Lehmann) Torr. & A. Gray] - HDH
[Gaura coccinea Nutt. ex Pursh var. parvifolia (Torr.) Torr. & A. Gray] - HDH
Oenothera villosa Thunb. var. strigosa (Rydb.) Dorn - Dorn01, IMF, KTZ, E/W
[Oenothera biennis L. var. strigosa Rydb.] - UTF
[Oenothera strigosa (Rydb.) Mack. & Bush] - HDH
[Oenothera villosa Thunb.] - SF!
[Oenothera villosa Thunb. subsp. strigosa (Rydb.) W. Dietr. & P. H. Raven - GPF, KTZ, W&W
[Oenothera villosa Thunb. subsp. villosa] - KTZ
Oenothera villosa Thunb. var. villosa - Dorn01, KTZ

Stenosiphon (see **Oenothera**)

Taraxia breviflora (Torr. & A. Gray) Nutt. ex Small - Wagner07
[Camissonia breviflora (Torr. & A. Gray) P. H. Raven] - Dorn01, IMF, KTZ, SFE, UTF, W&W, E
[Oenothera contorta Douglas ex Hook.] - HDH
Taraxia subacaulis (Pursh) Rydb. - Wagner07
[Camissonia subacaulis (Pursh) P. H. Raven - Dorn01, IMF, KTZ, SF!, UTF, W&W, E/W
[Jussiaea subacaulis Pursh] - KTZ
[Oenothera heterantha Nutt.] - HDH, KTZ
[Oenothera subacaulis (Pursh) Garrett] - KTZ

Zauschneria (see **Epilobium**)

Orchidaceae - ORC (including **Cypripediaceae**)

(Identification sources: _____)

Amesia (see **Epipactis**)

Bifolium (see **Listera**)

Calypso bulbosa (L.) Oakes var. americana (R. Br.) Luer - FNA, GPF, E/W
[Calypso americana R Br.] - FNA
[Calypso bulbosa (L.) Oakes] - Dorn01, HDH, IMF, SF!, UTF, W&W
[Calypso bulbosa (L) Oakes var americana (R Br. ex W. T. Aiton) Luer] - KTZ

Coeloglossum viride (L.) Hartm. - FNA
[Coeloglossum viride (L.) Hartm. var. virescens (Muhl. ex Willd.) Luer] - KTZ, E/W
[Coeloglossum viride (L.) Hartm. subsp. bracteatum (Muhl.) Hultén] - FNA, SF!
[Coeloglossum viride (L.) Hartm. subsp. bracteatum (Muhl. ex Willd.) Hultén] - W&W
[Coeloglossum viride (L.) Hartm. var. islandicum (Lindl.) M. Schulze] - FNA
[Coeloglossum viride (L.) Hartm. var. virescens (Muhlb.) Luer] - Dorn01, FNA
[Dactylorhiza viridis (L.) R. M Bateman, Pridgeon & M. W. Chase] - FNA
[Habenaria bracteata (Willd.) R. Br.] - FNA, HDH
[Habenaria viridis (L.) R. Br.] - FNA
[Habenaria viridis (L.) R. Br. subsp. bracteata (Muhl.) Clausen] - FNA
[Habenaria viridis (L.) R. Br. var. bracteata (Muhl) A. Gray] - FNA, GPF
[Habenaria viridis (L.) R. Br. var. bracteata (Muhl) Rchb ex A. Gray] - UTF
[Habenaria viridis (L.) R. Br. var. bracteata (Muhl ex Willd.) Rchb ex A. Gray] - IMF
[Habenaria viridis (L.) R. Br. var. interjecta Fernald] - FNA
[Satyrium viride L.] - FNA

Corallorhiza maculata (Raf.) Raf. - E/W
[Corallorhiza maculata Raf.] - HDH, IMF, SF!, UTF, W&W
[Corallorhiza maculata (Raf.) Raf.] - GPF
[Corallorhiza maculata (Raf.) Raf. var. maculata] - Dorn01, FNA, KTZ
[Corallorhiza maculata (Raf.) Raf. var. occidentalis (Lindl.) Ames] - Donr01, FNA, KTZ
Corallorhiza striata Lindl. - FNA, E/W
[Corallorhiza striata Lindl.] - IMF, SF!, UTF, W&W
[Corallorhiza striata Lindl. var. ochroleuca (Rydb.) Magrath] - GPF
[Corallorhiza striata Lindl. var striata] - Dorn01, KTZ
[Corallorhiza striata Lindl. var. vreelandii (Rydb) L. O. Williams] - Dorn01, GPF, HDH
Corallorhiza trifida Châtel. - Dorn01, FNA, KTZ, E/W
[Corallorhiza corallorhiza (L.) MacMillan] - FNA
[Corallorhiza corallorhiza (L.) MacMillan var. coloradensis Cockerell] - FNA
[Corallorhiza innata R. Br.] - FNA
[Corallorhiza innata var. virescens Farr] - FNA
[Corallorhiza trifida (L.) Châtel.] - GPF, HDH, IMF, UTF, W&W
[Corallorhiza trifida Châtel.] - SF!
[Corallorhiza trifida Châtel. var. verna (Nutt.) Fernald] - FNA
[Corallorhiza verna Nutt.] - FNA
Corallorhiza wisteriana Conrad - Dorn01, FNA, KTZ, E/W
[Corallorhiza hortensis Sucksdorf] - FNA
[Corallorhiza wisteriana Conrad] - GPF, HDH, IMF, SF!, UTF, W&W

Cypripedium fasciculatum Kellogg ex S. Watson - Dorn01, FNA, HDH, IMF, KTZ, W&W, E/W
[Cypripedium fasciculatum Kellogg] - SF!
[Cypripedium knightiae A. Nels..] - FNA
Cypripedium parviflorum Salisb. var. pubescens O. W. Knight - Dorn01, FNA, E/W
[Cypripedium calceolus L.] - UTF
[Cypripedium calceolus L. subsp parviflorum (Salisb) Hultén] - SF!, W&W

[Cypripedium calceolus L. var. planipetalum (Fernald) Victorin & J. Rousseau] - FNA
[Cypripedium calceolus L. var. pubescens (Willd.) Correll] - FNA, GPF, HDH, IMF
[Cypripedium flavescens DC.] - FNA
[Cypripedium parviflorum Salisb. var. makasin (Farw.) Sheviak] - FNA, KTZ
[Cypripedium parviflorum Salisb. var. planipetalum Fernald] - FNA
[Cypripedium parviflorum Salisb. var. pubscens (Willd.) O. W. Knight] - KTZ
[Cypripedium pubescens Willd] - FNA
[Cypripedium veganum Cockerell, P. Barker & M. Barker] - FNA

Dactylorhiza (see **Coeloglossum**)

Diphryllum (see **Listera**)

Distomaea (see **Listera**)

Epipactis (see also **Listera**)
Epipactis gigantea Douglas ex Hook. - Dorn01, FNA, GPF, HDH, IMF, KTZ, UTF, W&W, E/W
[Amesia gigantea (Douglas ex Hook.) A. Nelson & J.F. MacBride] - FNA
[Epipactis gigantea Douglas] - SF[1]
[Helliborine gigantea (Douglas ex Hook.) Druce] - FNA
*Epipactis helleborine L. - W&W[1], E
[WJ - appeared spontaneously in flower beds in front yard on Table Mesa. No evidence of spreading]
[Epipactis helleborine (L.) Crantz] - KTZ, SFE
[Epipactis latifolia (L.) Allioni] - FNA
[Serapias helleborine L.] - FNA

Goodyera oblongifolia Raf. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
[Goodyera decipiens (Hook) F. T. Hubbard] - FNA
[Goodyera oblongifolia var. reticulata B. Boivin] - FNA
[Peramium decipiens (Hook.) Piper] - FNA
Goodyera repens (L.) R. Br. ex W. T. Aiton - KTZ, E/W
[Goodyera repens (L.) R. Br. in W. Aiton and W. T. Aiton - FNA
[Goodyera repens (L.) R. Br.] - GPF, HDH, W&W
[Goodyera repens (L.) R. Br. subsp. fides (Fernald) A Löve & Simon] - SF!
[Goodyera repens (L.) R. Br. var. ophioides Fernald] - FNA
[Peramium ophioides (Fernald) Rydb.] - FNA
[Satyrium repens L.] - FNA

Gyrostachys (see **Spiranthes**)

Habenaria (see **Coeloglossum, Piperia, Platanthera**)

Helleborine (see **Epipactis, Listera**)

Ibidium (see **Spiranthes**)

Limnorchis (see **Platanthera**)

Listera borealis Morong - Dorn01, FNA, HDH rep., IMF, KTZ, SF!, UTF, W&W, E/W
[Neottia borealis (Morong) Szlachetko] - FNA
[Ophrys borealis (Morong) Rydb.] - FNA
Listera convallarioides (Sw.) Elliot - FNA

[Bifolium convallarioides (Sw.) Nieuwland] - FNA
[Diphryllum convallarioides (Sw.) Kuntze] - FNA
[Distomeaea ovata (L.) Spenner] - FNA
[Epipactis convallarioides Sw.] - FNA
[Listera convallarioides (Sw.) Nutt. ex Elliott] - Dorn01, KTZ, E/W
[Listera convallarioides Torr.] - SFW
[Listera convallarioides (Sw.) Nutt.] - GPF, HDH, SFE, W&W
[Listera convallarioides (Sw.) Torr.] - IMF, UTF
[Listera eschscholziana Chamisso] - FNA
[Ophrys convallarioides (Sw.) W. Wight ex House] - FNA

Listera cordata (L.) R. Br. ex W. T. Aiton var. nephrophylla (Rydb.) Hultén - FNA, KTZ
[Listera cordata (L.) R. Br.] - Dorn01, HDH, IMF, UTF, E/W
[Listera cordata (L.) R. Br. subsp. nephrophylla (Rydb.) A. Löve & D. Löve] - SF!, W&W
[Listera nephrophylla Rydb.] - FNA
[Neottia nephrophylla (Rydb.) Szlachetko] - FNA
[Ophrys nephrophylla (Rydb.) Rydb.] - FNA

Lysiella (see **Platanthera**)

Malaxis brachypoda (A. Gray) Fernald - KTZ, E
[Malaxis monophyllos (A. Gray) Sol. ex Sw. subsp. brachypoda (A. Gray) A. Löve & D. Löve] - W&W
[Malaxis monophyllos (L.) Sol. subsp. brachypoda (A. Gray) A. Löve & D. Löve] - SFE, W&W
[Malaxis monophyllos (L.) Sw. var. brachypoda (A. Gray) Morris & Eames] - HDH

Malaxis porphyrea (Ridley) Kuntze - Coleman02
[NS -- Ben Legler {pers. comm. 2009} recetnly collected this in Colfax Co., NM]
[Malaxis ehrenbergii (Reichenbach f.) Kuntze] - WJ

Malaxis soulei L. O. Williams - WJ
[Malaxis macrostachya (Lexarza) Kuntze] - WJ; Coleman02
[WJ - occurs in Colfax, Los Alamos, and Sandoval cos., NM]

Neottia (see **Listera**)

Ophrys (see **Listera**)

Orchis (see **Platanthera**)

Peramium (see **Goodyera**)

Piperia unalascensis (Spreng.) Rydb. - Dorn01, GPF, KTZ, SF!, W&W, E/W
[Habenaria unalascensis (Spreng.) S. Watson] - HDH, IMF, UTF

Platanthera aquilonis Sheviak - FNA, Sheviak99, E/W
[Habenaria hyperborea (L.) R. Br.] - GPF, HDH, IMF, UTF
[Limnorchis hyperborea (L.) Rydb.] - SF!, W&W
[Platanthera gracilis Lindl.] - KTZ
[Platanthera huronensis (Nutt.) Lindl.] - KTZ
[Platanthera hyperborea (L.) Lindl. var. gracilis (Lindl.) Luer] - RMC
[Platanthera hyperborea (L.) Lindl. var. hyperborea] - KTZ

Platanthera dilatata (Pursh) Lindl. ex L. C. Beck var. albiflora (Cham.) Ledeb. - Dorn01, KTZ, E/W
[Habenaria dilatata (Pursh) Hook.] - FNA, HDH
[Habenaria dilatata (Pursh) Hook. var. albiflora (Cham.) Correll] - GPF, IMF, UTF
[Limnorchis dilatata (Pursh) Rydb. subsp. albiflora (Cham.) A. Löve & Simon] - SF!, W&W

[Orchis dilatata Pursh] - FNA
Platanthera dilatata (Pursh) Lindl. ex L. C. Beck var. dilatata - Dorn01, FNA, KTZ
[Habenaria dilatata (Pursh) Hook var dilatata] - GPF, IMF, UTF <CO>
Platanthera X estesii Schrenk - KTZ
[Platanthera dilatata X P stricta] - KTZ
Platanthera huronensis (Nutt.) Lindley - Dorn01, FNA
[Orchis huronensis Nutt.] - FNA
[Habenaria hyperborea (L.). R. Br. var. huronensis] - FNA
[Habenaria X media (Rydb.) Niles] - FNA
[Limnorchis media Rydb.] - FNA
[Platanthera hyperborea (L.) Lindley var. huronensis (Nutt.) Luer] - FNA
[Platanthera X media (Rydb.) Luer] - FNA
Platanthera obtusata (Banks ex Pursh) Lindl. - Dorn01, FNA, KTZ, E/W
[Habenaria obtusata (Banks) Richards] - UTF
[Habenaria obtusata (Banks ex Pursh) Richards] - FNA, HDH, IMF
[Habenaria obtusata var. collectanea Fernald] - FNA
[Lysiella obtusata (Banks ex Pursh) Britton & Rydb] - W&W
[Lysiella obtusata (Banks) Britton & Rydb.] - SF!
[Orchis obtusata Banks ex Pursh] - FNA
Platanthera purpurascens (Rydb.) Sheviak & W. F. Jenn. - Dorn01, FNA, KTZ, Sheviak97, E/W
[Habenaria saccata Greene] - GPF, HDH, IMF, UTF
[Limnorchis stricta (Lindl.) Rydb.] - SF!, W&W
[Limnorchis purpurascens Rydb.] - FNA
[Platanthera hyperborea (L.) Lindley var. purpurascens (Rydb.) Luer] - FNA
[Platanthera stricta Lindl.] - KTZ
[Platanthera saccata (Greene) Hulten] - FCF
Platanthera sparsiflora (S. Watson) Schltr. var. ensifolia (Rydb.) Luer - KTZ, E/W
[Limnorchis ensifolia Rydb] - SF!, W&W
Platanthera sparsiflora (S. Watson) Schltr. - FNA
[Habenaria sparsiflora S Watson var. laxiflora (Rydb.) Correll] - FNA, IMF, UTF
[Habenaria sparsiflora S. Watson] - FNA< HDH, rep.
[Habenaria sparsiflora S. Watson var. sparsiflora] - IMF, UTF
[Limnorchis laxiflora Rydb.] - FNA
[Limnorchis sparsiflora (S. Watson) Rydb.] - W&W, misapp.
[Platanthera sparsifora (S. Watson) var. ensifolia (Rydb.) Luer - FNA
[Platanthera sparsiflora (S. Watson) Schltr. var. sparsiflora] - KTZ <AZ, NM, UT>
Platanthera zothecina (L. C. Higgins & S. L. Welsh) Kartesz & Gandhi - FNA, KTZ, W
[Habenaria zothecina L. C. Higgins & S. L. Welsh] - FNA, UTF
[Limnorchis zothecina (L. C Higgins & S. L. Welsh) W. A. Weber] - SFW, W&W

Satyrium (see **Coeloglossum**, **Goodyera**)

{Spiranthes cernua (L.) Rich.} - GPF, HDH, exp., IMF, KTZ <KS, NE, OK>
Spiranthes diluvialis Sheviak - Dorn01, FNA, KTZ, SF!, W&W, E/W
[Spiranthes romanzoffiana Cham. var. diluvialis (Sheviak) S L. Welsh] - FNA, UTF
Spiranthes magnicamporum Sheviak - FNA, GPF, KTZ <KS, NE, NM, OK>
{Spiranthes porrifolia Lindl.} - HDH rep., KTZ, W&W, misapp.
{Spiranthes romanzoffiana Cham. var. porrifolia (Lindl.) Ames & Correll} -IMF (UT and w.)
Spiranthes romanzoffiana Cham. - Dorn01, FNA, GPF, KTZ, SFE, W&W, E/W
[Gyrostachys stricta Rydb.] - FNA
[Ibidium strictum (Rydb.) House] - FNA
[Spiranthes stricta (Rydb) A. Nels.] - FNA
[Spiranthes romanzoffiana Cham. & Schl - HDH, SFW
[Spiranthes romanzoffiana Cham. var. romanzoffiana] - IMF, UTF

{Spiranthes vernalis Engelm. & A. Gray} - GPF, KTZ <KS, NE, OK>
{WJ - based on a Fendler specimen from e. Kansas}
{Spiranthes vernalis Engelm } - HDH, exp

Orobanchaceae - ORO

(Identification sources: _____)

{Agalinis aspera (Douglas ex Benth.) Britton} -WJ, GPF, exp., KTZ <KS, NE, OK>, W&W
{Gerardia aspera Douglas ex Benth.} - HDH, exp
Agalinis tenuifolia (Vahl) Raf. var. parviflora (Nutt.) Pennell - Dorn01, GPF, KTZ, E
[Agalinis tenuifolia (Vahl) Raf] - SFE, W&W
[Gerardia tenuifolia Vahl] - HDH

Aphyllon (see **Orobanche**)

Castilleja
[NS - comments incorporated from Mark Egger [WTU], pers. comm. 2007]

(Identification sources: _____)

Castilleja angustifolia (Nutt.) G. Don var. angustifolia - Dorn01, KTZ
[Castilleja angustifolia (Nutt) G. Don var. bradburii (Nutt.) Fern.] - KTZ
Castilleja angustifolia (Nutt.) G. Don var. dubia A. Nelson - Dorn01, E/W
[Castilleja angustifolia (Nutt.) G. Don var. flavescens (Pennell ex Edwin). N. Holmgren] - Egger, pers. comm..
[Castilleja flavescens Pennell] - Egger, pes. comm.
Castilleja chromosa A. Nelson - GPF, HDH, IMF, SF!, W&W, Egger pers. comm.
Castilleja flava S. Watson var. flava - IMF, KTZ, UTF, E/W
[Castilleja flava S Watson] - Dorn01, GPF, HDH, **SF!**, W&W
Castilleja haydenii (A. Gray) Cockerell - HDH, KTZ, SF!, W&W, E/W
Castilleja integra A. Gray - GPF, HDH, KTZ, E/W, SF!, IMF, W&W
Castilleja linariifolia Benth. - Dorn01, GPF, IMF, KTZ, SF!, UTF, W&W, E/W
[Castilleja linariaefolia Benth] - HDH
Castilleja lineata Greene - HDH, KTZ,SF!, W&W, E/W
Castilleja miniata Douglas ex Hook. var. miniata - E/W
[Castilleja miniata Douglas] - HDH, SF!
[Castilleja miniata Douglas ex Hook.] - Dorn01, GPF, IMF, UTF, W&W
[Castilleja miniata Douglas ex Hook. subsp. miniata] - KTZ
Castilleja minor (A. Gray) A. Gray var. minor
[Castilleja minor (A. Gray) A. Gray)] -W
Castilleja minor (A. Gray) A. Gray var. "ined.", M. Egger, comb. nov. - Egger, pers. comm.
[Castilleja exilis A Nels.] - Dorn01, GPF, IMF, UTF
[Castilleja minor A. Gray] - HDH, SFW, W&W
[Castilleja minor A. Gray subsp. minor] - KTZ
Castilleja occidentalis Torr. - HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Castilleja pallescens (Gray) Greenm. var. pallescens - KTZ
[Castilleja pallescens (Gray) Greenm.] - Dorn01
Castilleja puberula Rydb. - HDH, KTZ, SF!, W&W, E/W
Castilleja rhexifolia Rydb. - Dorn01, HDH, IMF, KTZ, SF!, W&W, E/W
[Castilleja rhexifolia Rydb. var. rhexifolia] - UTF
Castilleja scabrida Eastw. var. scabrida - IMF, KTZ, UTF, W

[Castilleja lineata Greene] - HDH
[Castilleja scabrida Eastw.] - SFW, W&W
Castilleja sessiliflora Pursh - Dorn01, GPF, HDH, KTZ, SFE, W&W, E
Castilleja septentrionalis Lindl.] - HDH, W&W, Egger, pers. comm.
[Castilleja rhexifolia Rydb var sulphurea (Rydb.) Atwood] - UTF
[Castilleja sulphurea Rydb] - Dorn01, GPF, IMF, KTZ, SF!, W&W, E/W, Egger, pers. comm

Conopholis alpina Liebm. var. mexicana (A. Gray ex S. Watson) Haynes - KTZ, W&W, E
[Conopholis alpina Liebm. var. mexicana (A. Gray) Haynes] - SFE

{Cordylanthus kingii S. Watson subsp. densiflorus Chuang & Heckard}
{WJ - Specimens known from UT within 18 mi of CO (Rio Blanco Co.) and to be expected in CO}
{Cordylanthus kingii S. Watson} - HDH, W&W, misid.
{Cordylanthus kingii S. Watson subsp. kingii} - KTZ <UT>, UTF
{Cordylanthus kingii S. Watson var. kingii} - IMF
Cordylanthus ramosus Nutt. ex Benth. - Dorn01, HDH, IMF, KTZ, UTF, E/W
[Cordylanthus ramosus Nutt.] - SF!, W&W
Cordylanthus wrightii A. Gray subsp. wrightii - KTZ, W
[Cordylanthus wrightii A. Gray] - HDH, IMF, SFW, UTF, W&W

Orobanche cooperi (A. Gray) A. Heller subsp. cooperi - KWA, KTZ
[Orobanche ludoviciana Nutt. var. cooperi (A. Gray) G. Beck] - KWA, M&H, HDH, IMF
[Orobanche ludoviciana Nutt. var. latiloba Munz] - KWA
[Aphyllon cooperi Gray] - KTZ
[Myzorrhiza cooperi (Gray) Rydb.)] - KTZ
Orobanche fasciculata Nutt. - Dorn01, GPF, IMF, KTZ, UTF, E/W
[Aphyllon fasciculatum (Nutt.) Torr. & A. Gray] - SF!, W&W
[Orobanche fasciculata Nutt. var. fasciculata] - HDH
[Orobanche fasciculata Nutt. var. lutea (Parry) Achey] - HDH, rep
Orobanche ludoviciana Nutt. var. ludoviciana - Dorn01, HDH, IMF, E
[WJ - I fail to see the difference between the typical variety and var. arenosa]
[Orobanche ludoviciana Nutt.] - GPF, SFE, W&W
[Orobanche ludoviciana Nutt. var. arenosa (Suksd.) Cronquist] - UTF
[Orobanche ludoviciana Nutt. subsp. ludoviciana] - KTZ
[Orobanche multiflora Nutt. var. arenosa (Suksd.) Munz] - HDH, W&W
Orobanche ludoviciana Nutt. var. multiflora (Nutt.) Beck - E/W
[WJ - if present in Colorado, then along New Mexico line, both slopes]
[Orobanche ludoviciana Nutt. subsp. multiflora (Nutt.) Collins] - KTZ
[Orobanche multiflora Nutt] - GPF, SF!, UTF
[Orobanche multiflora Nutt var multiflora] - HDH, W&W
Orobanche uniflora L. var. occidentalis (Greene) Roy L. Taylor & MacBryde - Dorn01, IMF, E/W
[Aphyllon uniflorum (L.) Torr. & A. Gray] - SF!, W&W
[Orobanche uniflora L.] - GPF, KTZ, UTF
[Orobanche uniflora L. var. sedi (Suksd) Achey] - HDH

Orthocarpus luteus Nutt. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Orthocarpus purpureoalbus A. Gray ex S. Watson - KTZ, E/W
[Orthocarpus purpureoalbus A. Gray] - SF!, W&W[1]
[Orthocarpus purpureo-albus A. Gray] - HDH, UTF
[Orthocarpus purpureo-albus A. Gray ex S. Watson] - IMF, W&W

Pedicularis

(Identification sources: _____)

Pedicularis bracteosa Benth. var. paysoniana (Pennell) Cronquist - Dorn01, IMF, KTZ, E/W
[Pedicularis bracteosa Benth. subsp. paysoniana (Pennell) W. A. Weber - SF!, W&W
[Pedicularis paysoniana Pennell] - HDH
{Pedicularis canadensis L. var. canadensis} - GPF
{Pedicularis canadensis L.} - HDH
{Pedicularis canadensis L. subsp. canadensis} - KTZ<KS, NE, NM, OK>, W&W[1]
♦ Pedicularis canadensis L. var. fluviatilis (A. Heller) Macbr. - **ENDEMIC** **<CO>**, GPF, E
[Pedicularis canadensis L. subsp. fluviatilis (A Heller) W. A Weber] - KTZ, SFE, W&W
Pedicularis centranthera A. Gray - HDH, IMF, KTZ, SFW, UTF, W&W, W
Pedicularis crenulata Benth. - Dorn01, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Pedicularis groenlandica Retz. - Dorn01, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
[Pedicularis groenlandica Retz. subsp. surrecta (Benth.) Piper] - KTZ
Pedicularis parryi A. Gray var. mogollonica (Greene) Dorn - E/W
[Pedicularis parryi A. Gray] - SF!
[Pedicularis parryi A. Gray subsp. mogollonica (Greene) G. D. Carr] - KTZ, W&W
[Pedicularis parryi A. Gray var. parryi] - IMF
Pedicularis parryi A. Gray var. parryi - Dorn01, IMF, UTF, E/W
[Pedicularis parryi A. Gray] - HDH, SF!
[Pedicularis parryi A. Gray subsp. parryi] - KTZ, W&W
Pedicularis procera A. Gray - Dorn01, GPF, IMF, KTZ, SF!, UTF, W&W, E/W
[Pedicularis grayi A. Nelson] - HDH
Pedicularis racemosa Douglas ex Benth. var. alba (Pennell) Cronquist - Dorn01, IMF, UTF, E/W
[Pedicularis racemosa Douglas ex Hook] - HDH
[Pedicularis racemosa Douglas subsp. alba Pennell] - SF!
[Pedicularis racemosa Douglas ex Benth. subsp. alba Pennell] - HDH, KTZ
[Pedicularis racemosa Douglas ex Hook. subsp. alba Pennell] - W&W
Pedicularis sudetica Willd. subsp. scopulorum (A. Gray) Hultén - KTZ, E/W
[Pedicularis scopulorum A. Gray] - HDH, SF!, W&W

Oxalidaceae - OXL

Oxalis albicans Kunth subsp. albicans - KTZ
Oxalis corniculata L. - WY checklist, M&H, KTZ
[Acetosella corniculata (L) Kuntze] - KTZ
[Oxalis albicans HBK] - KWA
[Oxalis corniculata L. var. atropurpurea Planch.] - KTZ
[Oxalis corniculata L. var. langloisii (Small) Wieg.] - KTZ
[Oxalis corniculata L. var. lupulina (R. Knuth) Zugg] - KTZ
[Oxalis corniculata L. var. macrophylla Arsene ex R. Knuth] - KTZ
[Oxalis corniculata L. var. minor Laing] - KTZ
[Oxalis corniculata L. var. leptans Laing] - KTZ
[Oxalis corniculata L. var. villosa (Bieb.) Hohen.] - KTZ
[Oxalis corniculata L. var. viscidula Wieg.] - KTZ
[Oxalis langloisii (Small) Fedde] - KTZ
[Oxalis pusilla Salisb.] - KTZ
[Oxalis repens Thunb.] - KTZ
[Oxalis villosa Bieb.] - KTZ
[Oxalis wrightii Gray] - KWA
[Xanthoxalis albicans (HBK) Small] - KWA
[Xanthoxalis corniculata (L.) Small] - KTZ

[Xanthoxalis corniculata var. atropurpurea (Planch). Moldenke] - KTZ
[Xanthoxalis langloisii Small] - KTZ
[Xamthoxalis repens (Thunb.) Moldenke] - KTZ
[Xanthoxalis wrightii (Gray) Abrahams] - KWA
Oxalis dillenii Jacq.- Dorn01, GPF, IMF, KTZ, SF!, UTF, W&W
[Oxalis dillenii Jacq. subsp. dillenii] - E/W
✣Oxalis stricta L. - Dorn01, GPF, HDH, KTZ, SF!, W&W, E/W
[Oxalis europaea Jordan var bushii (Small) Wiegand] - HDH
[Oxalis europaea Jordan var. europaea] - HDH
Oxalis violacea L. - Dorn01, GPF, HDH, KTZ, SF!, W&W, E/W

Paeoniaceae - PAE

{Paeonia brownii Douglas ex Hook.}- HDH, exp., KTZ <UT, WY>, UTF

Papaveraceae - PAP (including **Fumariaceae**)

(Identification sources: _____)

Argemone corymbosa Greene - RM (*Lyon 5048*; Mesa County, CO)
Argemone hispida A. Gray - Dorn01, FNA, GPF, KTZ, SF!, W&W, E/W
[Argemone platyceras Link & Otto var. hispida (A. Gray) Prain] - HDH
[Argemone platyceras Link & Otto var. platyceras] - HDH
{Argemone mexicana L.} - HDH rep., FNA, GPF, W&W[1], misapp.
Argemone polyanthemos (Fedde) G. B. Ownbey - Dorn01, FNA, GPF, KTZ, SF!, W&W, E/W
[Argemone intermedia Sweet] - HDH
Argemone squarrosa Greene var. squarrosa - E
[Argemone squarrosa Greene] - GPF, SFE, W&W
[Argemone squarrosa Greene subsp. squarrosa] - FNA, KTZ

Corydalis aurea Willd. var. aurea - Dorn01, HDH, E/W
[Corydalis aurea Willd.] - KTZ, SF!, UTF, W&W[1]
[Corydalis aurea Willd. subsp. aurea] - FNA, GPF, W&W
Corydalis aurea Willd. var. occidentalis Engelm. ex A. Gray - Dorn01, E/W
[Corydalis aurea Willd. subsp. occidentalis (Engelm.) G. B. Ownbey] - GPF
[Corydalis aurea Willd. subsp. occidentalis (Engelm. ex A. Gray) G B. Ownbey] - FNA
[Corydalis aurea Willd. var. occidentalis Engelm.] - HDH
[Corydalis curvisiliqua Engelm. subsp. occidentalis (Engelm.) W. A. Weber] - SF!
[Corydalis curvisiliqua Engelm. subsp. occidentalis (Engelm. ex A. Gray) W. A. Weber] - KTZ, W&W
Corydalis caseana A. Gray subsp. brandegeei (S. Watson) G. B. Ownbey - FNA, HDH, KTZ, SF!, W&W, E/W
{Corydalis curvisiliqua Engelm. var. grandibracteata Fedde}
{Corydalis curvisiliqua Engelm. subsp grandibracteata (Fedde) G. B. Ownbey} - GPF, KTZ err. attribution to W&W
{Corydalis curvisiliqua (A. Gray) A. Gray subsp. grandibracteata (Fedde) G. B. Ownbey} - FNA

{Dicentra uniflora Kellogg} - FNA, KTZ, SFW, UTF, W&W, W
{WJ - no vouchers from Colorado; reported from three sites by M. L. Peterson in Garfield and Mesa cos. All searches of these sites have been fruitless}

✣Eschscholzia californica Cham. subsp. californica - FNA, KTZ, E/W

[Eschscholzia californica Cham.] - Dorn01, HDH, SF!, UTF, W&W

*Fumaria officinalis L. - Dorn01, FNA, HDH, exp., UTF, W&W, misapp.
[Fumaria officinalis L. subsp. officinalis] - KTZ <UT, WY>
[Fumaria officinalis L. subsp. wirtgenii (W. D. J. Koch) Arcang] - KTZ <NE, WY>
*{Fumaria vaillantii Loisel. - FNA, KTZ, SFE, W&W, E}
{Fumaria vaillentii Loisel.] - GPF [misspelled]}

*Glaucium corniculatum (L.) Rudolph - FNA, GPF, KTZ, SFE, W&W[1], E
[WJ - one specimen from near Boulder, not persisting]
*{Glaucium flavum Crantz} - FNA, KTZ, SFE, W&W, E
[WJ - from yard in Boulder, not known outside cultivation]

*Papaver orientale L. - FNA, KTZ, SFE, UTF, W&W, E
*Papaver nudicaule L. - FNA, E/W
[Papaver croceum Ledeb , cultivar of above] - FNA, KTZ, SF!, W&W
{Papaver pygmaeum Rydb.}
{WJ - endemic to Montana, British Columbia, and Alberta [fide FNA] so the name is misapplied to our material}
Papaver radicatum Rottb. subsp. kluanensis (D. Löve) D. F. Murray - FNA, KTZ, E/W
[Papaver kluanense D. Löve] - SF!, W&W
[Papaver lapponicum (Tolm.) Nordh. subsp. occidentale (Lundstr.) Knaben] - RMC
[Papaver nudicaule L var radicatum (Rottb) DC.] - HDH, W&W[1], misid.
[Papaver pygmaeum Rydb.] - W&W[1]
[Papaver radicatum Rottb var pygmaeum (Rydb) S L Welsh] - UTF
* Papaver somniferum L. - Dorn01
[Papaver somniferum var. setigerum auct non (DC.) Corb.] - KTZ

Parnassiaceae - PAR

Parnassia fimbriata König var. fimbriata - KTZ, UTF, E/W
[Parnassia fimbriata König] - Dorn01, HDH, IMF, W&W
[Parnassia fimbriata Banks] - SF!
Parnassia kotzebuei Cham. ex Spreng. - Dorn01, IMF, KTZ
[Parnassia kotzebuei Cham.] - SF!
[Parnassia kotzebuei Cham. & Schlecht.] - W&W[1]
[Parnassia kotzebuei Cham. & Spreng.] - W&W
[Parnassia kotzebuei Cham. ex Spreng. var. kotzebuei] - E/W
Parnassia palustris L. var. montanensis (Fernald & Rydb. ex Rydb.) C. L. Hitchc. - Dorn01, KTZ, E/W
[Parnassia palustris L. var. montanensis (Fernald & Rydb) C. L. Hitchc.] - UTF
[Parnassia palustris L. var. palustris] - IMF
[Parnassia palustris L. var. parviflora (DC.) B. Boivin] - IMF, KTZ <WY>
[Parnassia parviflora DC.] - GPF, HDH, KTZ <WY>, SF!, W&W

Pedaliaceae (see **MAR**)

Peganaceae - PEG

* Peganum harmala L.
[NS - reportedly weedy now in Colorado by KHD]

Phrymaceae - PHR (formerly in **SCR**)

Mimulus

(Identification sources: _____)

Mimulus breweri (Greene) Coville - Dorn01, IMF, KTZ, SF!, UTF, W&W, E/W
Mimulus eastwoodiae Rydb. - HDH, exp., IMF, KTZ, SFW, UTF, W&W, W
Mimulus floribundus Lindl. - Dorn01, KTZ, E/W
[Mimulus floribundus Douglas] - HDH, SF!, W&W
[Mimulus floribundus Douglas ex Lindl.] - GPF, IMF, UTF
[Mimulus floribundus Lindl. var. floribundus] - RMC
♦Mimulus gemmiparus W. A. Weber - **ENDEMIC** **<CO>**, KTZ, SF!, W&W, E/W
Mimulus glabratus Kunth var. glabratus - KTZ, E/W
[Mimulus glabratus Kunth] - SF!
[Mimulus glabratus Kunth subsp. utahensis Pennell] - IMF, UTF
[Mimulus glabratus Kunth var. utahensis Pennell] - HDH, W&W
Mimulus glabratus Kunth var. jamesii (Torr. & A. Gray ex Benth.) A. Gray - Dorn01, KTZ, E/W
[Mimulus fremontii (Benth.) A. Gray] - KTZ
[Mimulus glabratus Kunth] - SF!
[Mimulus glabratus Kunth subsp. fremontii (Benth.) A. L. Grant] - IMF
[Mimulus glabratus Kunth subsp. fremontii (Benth.) Pennell] - UTF
[Mimulus glabratus Kunth var. fremontii (Benth.) A. L. Grant] - HDH, W&W, GPF
Mimulus guttatus DC. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W
[NS - nearly 70 synonyms recognized in KTZ]
[Mimulus guttatus DC. var. guttatus] - E/W
Mimulus lewisii Pursh - Dorn01, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Mimulus moschatus Douglas ex Lindl. var. moschatus - Dorn01, KTZ, E/W
[Mimulus moschatus Douglas] - HDH, SF!, W&W
[Mimulus moschatus Douglas ex Lindl.] - IMF, UTF
Mimulus nanus Hook. & Arn. subsp. nanus - KTZ
[Mimulus nanus Hook. & Arn.] - HDH, exp., IMF
Mimulus ringens L. var. ringens - KTZ
[Mimulus ringens L.] - GPF, HDH, IMF, W&W
Mimulus rubellus A. Gray - Dorn01, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Mimulus suksdorfii A. Gray - Dorn01
[NS - cited but not recognized or incorrectly recognized previously in HDH, IMF, KTZ <AZ, NM, UT, WY>, UTF, W&W, misapp.]
Mimulus tilingii Regel var. tilingii - KTZ, E/W
[Mimulus tilingii Regel] - IMF, SF!, UTF, W&W
[Mimulus guttatus DC.] - HDH

Phyllanthaceae - PLL (formerly in **EUP**)

Reverchonia arenaria A. Gray - GPF, IMF, KTZ, UTF, W&W[1]

Plantaginaceae - PTG (including much of former **Scrophulariaceae)**

(Identification sources: _____)

Bacopa rotundifolia (Michx.) Wettst. - Dorn01, GPF, HDH, IMF, KTZ, SF!, W&W, E/W

Besseya alpina (A. Gray) Rydb. - Dorn01, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Besseya arizonica Pennell - KTZ, KWA, M&H
[Synthyris aplina Gray] - M&H
Besseya plantaginea (E. James) Rydb. - Dorn01, HDH, KTZ, E/W
[Besseya plantaginea (Benth) Rydb.] - SF!, W&W
♦Besseya ritteriana (Eastw.) Rydb. - **ENDEMIC** **<CO>**, HDH, KTZ, SFW, W&W, W, Hufford04
[Synthyris ritteriana Eastw.] - KTZ
Besseya wyomingensis (A. Nelson) Rydb. - Dorn01, GPF, IMF, KTZ, SFE, UTF, W&W, E
[Besseya cinerea (Raf.) Pennell] - HDH

*Chaenorrhinum minus (L.) Lange - GPF, KTZ, SFE, W&W, E

Chionophila jamesii Benth. - Dorn01, HDH, KTZ, SF!, W&W, E/W

Collinsia parviflora Lindl. - Dorn01, KTZ, SF!, E/W
[Collinsia parviflora Douglas] - HDH, UTF, W&W
[Collinsia parviflora Douglas ex Lindl.] - GPF, IMF

*Cymbalaria muralis P. Gaertn., B. Mey. & Scherb. - GPF, KTZ <UT>, W&W[1]

*Digitalis purpurea L. var. purpurea - KTZ, E
[Digitalis purpurea L.] - Dorn01, SFE, UTF, W&W

Gerardia (see **Agalinis**)

Gratiola neglecta Torr. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W
[Gratiola neglecta Torr. var. neglecta] - E/W

Leiostemon (see **Penstemon**)

Limosella aquatica L. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Linaria canadensis (L.) Dum. Cours. var. canadensis - Dorn01, GPF, IMF
{Linaria canadensis (L.) Dum Cours.} - HDH, exp., UTF
{Nuttallanthus canadensis (L.) D. A. Sutton} - KTZ <KS, OK>
Linaria canadensis (L.) Dum. Cours. var. texana (Scheele) Pennell - GPF, IMF, W&W, E
[Linaria canadensis (L.) Dum. Cours.] - UTF
[Linaria canadensis Dum. Cours. var. texana (Scheele) Pennell] - SFE, W&W[1]
[Linaria texana Scheele] - HDH
[Nuttallanthus texanus (Scheele) D. A. Sutton] - KTZ
*Linaria dalmatica (L.) Mill. subsp. dalmatica - KTZ, E/W
[Linaria dalmatica (L) Mill] - Dorn01, GPF, IMF, UTF
[Linaria dalmatica (L) Mill var. macedonica Fenzl] - HDH
[Linaria genistifolia (L.) Mill subsp. dalmatica (L) Maire et al.] - SF!, W&W
*Linaria vulgaris Mill. - Dorn01, HDH, KTZ, SF!, W&W, E/W
[Linaria vulgaris Hill.] - GPF, IMF, UTF

Lindernia dubia (L.) Pennell var. anagallidea (Michx.) Cooperr. - KTZ, SFE, W&W, E
[Lindernia anagallidea (Michx.) Pennell] - HDH
[Lindernia dubia (L) Pennell] - GPF, IMF

Maurandya antirrhiniflora Humb. & Bonpl. ex Willd. - M&H, KWA
[Antirrhinum antirrhiniflora (Humb. & Bonpl. ex Willd.) Hitchcock] - KWA
[Antirrhinum maurandioides Gray] - KTZ
[Asarina antirrhiniflora (Humb. & Bonpl. ex Willd.) Pennell] - KTZ
[Maurandella antirrhiniflora (Humb. & Bonpl. ex Willd.) Tothmaler - KWA, KTZ
Maurandya wislizeni Engelm. ex Gray - KWA, M&H
[Antirrhinum wislizeni (Engelm. ex Gray) Tidestrom] - KTZ
[Asarina wislizeni (Engelm. ex Gray) Pennell] - KTZ
[Epixiphium wislizeni (Engelm. ex Gray) Munz] - KTZ

Nuttallanthus (see **Linaria**)

Penstemon

(Identification sources: _____)

Penstemon acaulis L. Williams - **ENDEMIC** **<WY>**, Dorn01
Penstemon albidus Nutt. - Dorn01, GPF, HDH, KTZ, SFE, W&W, E
Penstemon ambiguus Torr. - HDH, E
[Leiostemon ambiguus (Torr.) Greene] - SFE, W&W
[Penstemon ambiguus Torr. var. ambiguus] - GPF, IMF
[Penstemon ambiguus Torr. var. laevissimus (D. D Keck) N. H Holmgren] - IMF, GPF, KTZ, UTF
Penstemon angustifolius Nutt. ex Pursh var. angustifolius - Dorn01, GPF, KTZ, W&W, E
[Penstemon angustifolius Nutt.] - SFE
[Penstemon angustifolius Nutt. ex Pursh subsp. angustifolius] - HDH, W&W[1]
[Penstemon angustifolius Pursh var. angustifolius] - IMF, UTF
Penstemon angustifolius Nutt. ex Pursh var. caudatus (A. Heller) Rydb. - Dorn01, GPF,KTZ, E
[Penstemon angustifolius Nutt subsp caudatus (A. Heller) D. D. Keck] - SFE
[Penstemon angustifolius Nutt. ex Pursh subsp. caudatus (A. Heller) D. D. Keck] - HDH, W&W[1]
[Penstemon angustifolius Pursh var. caudatus (A Heller) Rydb.] - IMF, UTF
[Penstemon angustifolius Nutt ex Pursh var. angustifolius] - W&W
Penstemon angustifolius Nutt. ex Pursh var. venosus (D. D. Keck) N. H. Holmgren - KTZ, WJ
[Penstemon angustifolius Pursh var. venosus (D. D. Keck) N. H. Holmgren] - IMF, UTF
Penstemon angustifolius Nutt. ex Pursh var. vernalensis N. H. Holmgren - KTZ, W&W, W
[Penstemon angustifolius Nutt. var. vernalensis N. H. Holmgren] - SWF, W&W[1]
[Penstemon angustifolius Pursh var. vernalensis N. H. Holmgren] - IMF, UTF
Penstemon arenicola A. Nelson - Dorn01, HDH, IMF, KTZ, SFW, UTF, W&W, W
Penstemon aridus Rydb. - Dorn01
Penstemon auriberbis Pennell - GPF, HDH, KTZ, SFE, W&W, E
Penstemon barbatus (Cav.) Roth var. barbatus - IMF, UTF
[Chelone barbata Cav.] - M&H
[Penstemon barbatus (Cav.) Roth subsp. barbatus] - KWA, HDH, exp., KTZ, ,W&W
Penstemon barbatus (Cav.) Roth var. torreyi (Benth.) A. Gray - IMF, UTF, E/W
[Penstemon barbatus (Cav.) Roth subsp. torreyi (Benth.) D. D. Keck] - HDH, KTZ, W&W[1]
[Penstemon barbatus Torr subsp torreyi (Benth) D. D. Keck] - W&W
[Penstemon barbatus (Cav.) Roth var. torreyi (Benth) D. D Keck] - SF!
Penstemon barbatus (Cav.) Roth var. trichander A. Gray - IMF, UTF, W

[Penstemon barbatus (Cav.) Roth subsp. trichander (A. Gray) D. D. Keck] - HDH, KTZ
[Penstemon barbatus (Cav.) Roth. var. trichander (A. Gray) D. D. Keck] - SFW
[Penstemon barbatus Torr. subsp. trichander (A. Gray) D. D. Keck] - W&W

Penstemon brandegeei (Porter) Porter ex Rydb. - WJ, W&W[1], E/W
[Penstemon alpinus Torr. subsp. brandegei (Porter) Penland] - HDH
[Penstemon brandegei Porter] - SF[1]
[Penstemon glaber Pursh var brandegeei (Porter) C. C. Freeman] - KTZ
[Penstemon glaber Pursh var brandegei (Porter ex Rydb.) C. C. Freeman] - GPF
[Penstemon glaber Pursh var brandegei (Porter ex Rydb.) Umber & Latady, unpubl.] - W&W

Penstemon bridgesii A. Gray - HDH, SFW, W&W, W
[Penstemon rostriflorus Kellogg] - IMF, KTZ, UTF, W&W[1]

Penstemon buckleyi Pennell - GPF, HDH, KTZ, SFE, W&W, E

Penstemon caespitosus Nutt. ex A. Gray var. caespitosus - IMF, KTZ, UTF, E/W
[Penstemon caespitosus Nutt.] - Dorn01, SF[1]
[Penstemon caespitosus Nutt. ex A. Gray] - HDH, W&W

Penstemon caespitosus Nutt. ex A. Gray var. perbrevis (Pennell) N. H. Holmgren - Dorn01, IMF, KTZ, UTF

✣Penstemon cobaea Nutt. - GPF, HDH, KTZ, SFE, W&W, E
[WJ - a waif]

Penstemon comarrhenus A. Gray - HDH, IMF, KTZ, SFW, UTF, W&W, W

Penstemon crandallii A. Nelson subsp. atratus D. D. Keck - KTZ, W&W, E/W
[Penstemon caespitosus Nutt. ex A. Gray] - SF!, W&W[1]
[Penstemon crandallii A. Nelson var. atratus (D. D. Keck) N. H. Holmgren] - IMF, UTF

Penstemon crandallii A. Nelson subsp. crandallii - HDH, KTZ, W&W, E/W
[Penstemon caespitosus Nutt. ex A. Gray] - SF!, W&W[1]
[Penstemon crandallii A. Nelson] - WJ
[Penstemon crandallii A. Nelson var. crandallii] - IMF, UTF
[Penstemon teucrioides Greene] - HDH, IMF, KTZ, W&W

Penstemon crandallii A. Nelson subsp. glabrescens (Pennell) D. D. Keck - HDH, KTZ, E/W
[Penstemon caespitosus Nutt. ex A. Gray] - SF!, W&W[1]
[Penstemon crandallii A Nelson subsp. crandallii] - W&W
[Penstemon glabrescens Pennell] - WJ

Penstemon crandallii A. Nelson subsp. procumbens (Greene) D. D. Keck - HDH, KTZ, E/W
[Penstemon caespitosus Nutt. ex A. Gray] - SF!, W&W[1]
[Penstemon crandallii A. Nelson subsp. crandallii] - W&W
[Penstemon procumbens Greene] - WJ

Penstemon cyaneus Penn. - KTZ

Penstemon cyanocaulis Payson - HDH, IMF, KTZ, SFW, UTF, W&W, W

Penstemon cyathophorus Rydb. - Dorn01, HDH, IMF, KTZ, SF!, W&W, E/W

♦Penstemon debilis O'Kane & J. L. Anderson - **ENDEMIC** **<CO>**, KTZ, SFW, W&W, W

♦Penstemon degeneri Crosswhite - **ENDEMIC** **<CO>**, KTZ, SFE, W&W, E

Penstemon eatonii A. Gray var. eatonii - IMF, SFW, UTF, W
[Penstemon eatonii A. Gray subsp eatonii] - HDH, KTZ, W&W

Penstemon eatonii A. Gray var. undosus M. E. Jones - IMF, UTF, W
Penstemon eatonii A. Gray subsp. undosus (M. E. Jones) D. D. Keck] - HDH, KTZ, W&W
[Penstemon eatonii A. Gray var. undosus (M. E. Jones) D. D. Keck] - SFW

Penstemon eriantherus Pursh var. cleburnei (M. E. Jones) Dorn - Dorn01
[Penstemon cleburnei M. E. Jones] - KTZ

Penstemon eriantherus Pursh var. eriantherus - Dorn01, GPF, IMF, KTZ, E
[Penstemon eriantherus Pursh] - HDH, SFE, W&W

{Penstemon fendleri A. Gray} - FCF, SFW, W&W[1], W
{WJ - Not present in CO; specimen referenced by W&W is P. lentus}

{Penstemon fendleri Torr. & A. Gray} - GPF, KTZ <AZ, KS, NM, OK>

Penstemon fremontii Torr. & A. Gray ex A. Gray var. fremontii - KTZ, RM, W

[Penstemon fremontii Torr. & A Gray] - Dorn01, HDH, IMF, SFW, UTF

[Penstemon fremontii Torr. & A Gray var fremontii] - W&W

♦Penstemon fremontii Torr. & A. Gray ex A. Gray var. glabrescens Dorn & Lichvar - **ENDEMIC** <CO>, KTZ, W

[Penstemon fremontii Torr. & A. Gray var. glabrescens Dorn & Lichvar] - SFW, W&W

Penstemon gibbensii Dorn - Dorn01, KTZ, UTF, W&W

Penstemon glaber Pursh var. alpinus (Torr.) A. Gray - Dorn01, Hartman06, GPF, KTZ, E/W

[Penstemon alpinus Torr. forma alpinus] - HDH

[Penstemon alpinus Torr. forma riparius (A. Nels.) Pennell] - HDH

[Penstemon glaber Pursh] - SF!

[Penstemon glaber Pursh var glaber] - W&W

Penstemon glaber Pursh var. glaber - Dorn01, GPF, KTZ, W&W, E/W

[Penstemon alpinus Torr. subsp. magnus (Pennell) Penland] - HDH

[Penstemon glaber Pursh] - SF!, HDH, exp.

Penstemon gracilis Nutt. - Dorn01, GPF, HDH, SFE, W&W, E

[Penstemon gracilis Nutt. var. gracilis] - KTZ

Penstemon grahamii D. D. Keck - IMF, KTZ, SFW, UTF, W

[Penstemon grahamii D. D. Keck ex E. H. Graham] - W&W

Penstemon grandiflorus Nutt. - Dorn01, GPF, HDH, KTZ, SFE, W&W, E

Penstemon griffinii A. Nelson - KTZ, SFE, W&W, E

[Penstemon oliganthus Wooton & Standl.] - HDH

♦Penstemon hallii A. Gray - **ENDEMIC** <CO>, HDH, KTZ, SF!, W&W, E/W

♦Penstemon harbourii A. Gray - **ENDEMIC** <CO>, HDH, KTZ, SF!, W&W, E/W

♦Penstemon harringtonii Penland - **ENDEMIC** <CO>, IMF, KTZ, SFW, W&W, W

Penstemon haydenii S. Wats. - Dorn01

Penstemon humilis Nutt. ex A. Gray var. humilis - IMF, UTF, W

[Penstemon humilis Nutt.] - SFW

[Penstemon humilis Nutt. ex A. Gray] - Dorn01, HDH, W&W

[Penstemon humilis Nutt. ex A. Gray subsp. humilis] - KTZ

Penstemon jamesii Benth.- GPF, IMF, KTZ, SFE, W&W, E

[Penstemon jamesii Benth. subsp. jamesii] - HDH

Penstemon laricifolius Hook. & Arn. var. exilifolius (A. Nelson) Payson - Dorn01, E

[Penstemon laricifolius Hook. & Arn.] - IMF

[Penstemon laricifolius Hook. & Arn. subsp. exilifolius (A. Nelson) D. D. Keck] - HDH, KTZ, SFE, W&W

Penstemon laricifolius Hook. & Arn. var. laricifolius - Dorn01

[Penstemon laricifolius Hook & Arn. subsp. laricifolius] - KTZ

Penstemon lentus Pennell var. lentus - IMF, KTZ, UTF

[Penstemon lentus Pennell] - HDH, W&W

Penstemon linarioides A. Gray subsp. coloradoensis (A. Nelson) D. D. Keck - HDH, IMF, KTZ, E/W

[Penstemon linarioides A. Gray] - W&W

[Penstemon linarioides A. Gray subsp. coloradoënsis (A. Nelson) D. D. Keck] - SF!

[Penstemon linarioides A. Gray var. viridis D. D. Keck] - HDH

{Penstemon linarioides A. Gray subsp. linarioides} - HDH, IMF, KTZ

{Penstemon linarioides A. Gray} - W&W

♦Penstemon mensarum Pennell - **ENDEMIC** <CO>, HDH, KTZ, SFW, W&W, W

[Penstemon gratus Umber & Moorman, unpubl.] - W&W

Penstemon moffatii Eastw. - IMF, SFW, UTF, W&W, W

[Penstemon moffatii Eastw. subsp. moffatii] - HDH, KTZ

[Penstemon moffatii Eastw. subsp. paysonii (Pennell) D. D. Keck] - HDH, KTZ

Penstemon nitidus Dougl. ex Benth. var nitidus - Dorn01, KTZ
Penstemon ophianthus Pennell - IMF, KTZ, SFW, UTF, W&W, W
[Penstemon breviculus (D. D. Keck) Nisbet & R. C. Jackson] - IMF, KTZ, SFW, UTF, W&W
[Penstemon jamesii Benth. subsp. ophianthus (Pennell) D D. Keck] - HDH
[Penstemon parviflorus Pennell] - HDH, KTZ, SFW, W&W
Penstemon osterhoutii Pennell - HDH, IMF, KTZ, W&W, W
[Penstemon ousterhoutii Pennell] - SFW
Penstemon pachyphyllus A. Gray ex Rydb. var. mucronatus (N. H. Holmgren) Neese - Dorn01, KTZ, UTF, W&W, W
[Penstemon pachyphyllus A. Gray var. mucronatus (N. H. Holmgren) Neese] - SFW
[Penstemon mucronatus N. H. Holmgren] - IMF, KTZ
{Penstemon pachyphyllus A. Gray ex Rydb. var. pachyphyllus} - IMF, KTZ <UT>, UTF, W&W
Penstemon palmeri subsp. typicus Keck - KTZ
[WJ - widely cultivated and escaping in CO, e.g. Louisville Open Space]
[Penstemon palmeri A. Gray] - Dorn01
Penstemon paysoniorum Keck - Dorn01, KTZ
♦ Penstemon penlandii W. A. Weber - **ENDEMIC <CO>**, KTZ, SFW, W&W, W
Penstemon procerus Douglas ex Graham var. procerus - IMF, KTZ, UTF, E/W
[Penstemon confertus Douglas subsp. procerus (Douglas) D. V. Clark] - SF!
[Penstemon confertus Douglas subsp. procerus (Douglas ex Graham) D. V. Clark, unpubl.] - W&W
[Penstemon procerus Douglas ex Graham] - Dorn01, HDH
[Penstemon procerus Douglas ex Graham subsp. procerus] - GPF
Penstemon radicosus A. Nelson - Dorn01, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
♦ Penstemon retrorsus Payson ex Pennell - **ENDEMIC <CO>**, HDH, KTZ, W&W, W
[Penstemon caespitosus Nutt. ex A. Gray] - SFW, W&W[1]
Penstemon ramaleyi A. Nelson
[WJ - Occurs in Saguache Co.; stands erect with long linear leaves, somewhat differerent from other taxa in the cespitosi complex]
Penstemon rydbergii A. Nelson var. aggregatus (Pennell) N. H. Holmgren - Dorn01, IMF, KTZ, E/W
[Penstemon rydbergii A Nelson] - SF!, UTF, W&W
[Penstemon rydbergii A Nelson subsp aggregatus (Pennell) D. D Keck] - HDH
Penstemon rydbergii A. Nelson var. rydbergii - Dorn01, IMF, KTZ, E/W
[Penstemon rydbergii A Nelson] - SF!, UTF, W&W
[Penstemon rydbergii A Nelson subsp rydbergii] - HDH
Penstemon saxosorum Pennell - Dorn01, HDH, KTZ, SF!, W&W, E/W
Penstemon scariosus Pennell var. albifluvis (England) N. H. Holmgren - IMF, KTZ, SFW, UTF, W&W, W
[Penstemon albifluvis England] - KTZ
Penstemon scariosus Pennell var. cyanomontanus Neese - KTZ, UTF, W&W
[Penstemon lasiostemon Umber & Moorman, unpublished] - W&W
Penstemon scariosus Pennell var. garrettii (Pennell) Holmgren - Dorn01
[Penstemon garrettii Pennell] - KTZ
Penstemon secundiflorus Benth. subsp. lavendulus Pennell - W&W[1]
Penstemon secundiflorus Benth subsp. secundiflorus - W&W[1], E/W
[Penstemon secundiflorus Benth.] - GPF, HDH, KTZ, SF!, W&W
Penstemon strictiformis Rydb. - IMF, KTZ, UTF, E/W
[Penstemon strictus Benth.] - SF!, W&W
[Penstemon strictus Benth. subsp. strictiformis (Rydb.) D. D. Keck] - HDH
Penstemon strictus Benth. - Dorn01, IMF, KTZ, SF!, UTF, W&W, E/W
[Penstemon strictus Benth. subsp. angustus Pennell] - HDH

[Penstemon strictus Benth. subsp. strictus] - HDH
Penstemon subglaber Rydb. - Dorn01, KTZ
Penstemon utahensis Eastw. - IMF, KTZ, SFW, UTF, W&W, W
Penstemon versicolor Pennell - SFE, W&W[1], E
♦ Penstemon virens Pennell ex Rydb. - **ENDEMIC <CO,WY>**, Dorn01, HDH, KTZ, W&W, E/W
[Penstemon virens Pennell] - GPF, SF!
Penstemon virgatus A. Gray var. asa-grayi (Crosswh.) Dorn - Dorn01, E
[WJ - Var. *virgatus* in MS so similar to Colorado plants variety may not be defensible]
[Penstemon unilateralis Rydb] - HDH, KTZ
[Penstemon virgatus A. Gray subsp. asa-grayi Crosswh.] - SFE, W&W
Penstemon watsonii A. Gray - HDH, IMF, KTZ, SFW, UTF, W&W, W
Penstemon whippleanus A. Gray - Dorn01, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Penstemon yampaensis Penland -KTZ, W
[Penstemon acaulis L O. Williams] - HDH
[Penstemon acaulis L O. Williams var yampaensis (Penland) Neese] - UTF
[Penstemon acaulis L O. Williams var yampaënsis (Penland) Neese] - SFW, W&W
[Penstemon yampaënsis Penland] - IMF

Plantago

(Identification sources: _____)

{Plantago aristata Michx.} - GPF, HDH, exp., IMF, KTZ <KS, NE, NM, OK>
Plantago elongata Pursh var. elongata - IMF, E/W
[Plantago elongata Pursh] - GPF, HDH, SF!, UTF, W&W
[Plantago elongata Pursh subsp. elongata] - KTZ
Plantago eriopoda Torr. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
* Plantago lanceolata L. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
* Plantago major L. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W
[Plantago asiatica L.] - HDH
[Plantago major L. var. major] - E/W
[Plantago major L. var. pachyphylla Pilg.] -IMF
[Plantago major L.] - GPF, KTZ, UTF, W&W[1]
Plantago patagonica Jacq. - KTZ, SF!, W&W
[NS - variation associated with "varieties" {e.g GPF} can appear on a single plant and both varieties can occur in same population]
[Plantago patagonica Jacq.] - KTZ, SF!, W&W
[Plantago patagonica Jacq. var. gnaphalioides (Nutt.) A. Gray] - IMF, UTF
[Plantago patagonica Jacq. var. patagonica] - GPF, E/W
[Plantago patagonica Jacq. var. spinulosa (Decne.) A. Gray] - GPF, IMF, UTF, E/W
[Plantago purshii Roem. & Schult.] - HDH
[Plantago spinulosa Decaisne ex DC.] - HDH
Plantago tweedyi A. Gray - Dorn01, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Pocilla (see **Veronica**)

Rhinanthus minor L. subsp. minor - KTZ, E/W
[Rhinanthus minor L. subsp. borealis (Sterneck) A Löve] - SF!, W&W
[Rhinanthus rigidus Chabert] - HDH

Veronica

(Identification sources: _____)

Veronica americana Schwein. ex Benth. - Dorn01, HDH, IMF, KTZ, UTF, W&W, E/W
[Veronica americana (Raf) Schwein.] - SF!
[Veronica americana (Raf) Schwein ex Benth] - GPF
✣Veronica anagallis-aquatica L. - Dorn01, GPF, HDH, IMF, KTZ, UTF, W&W
*Veronica arvensis L. - Dorn01, GPF, HDH rep., IMF, KTZ?, UTF, W&W, no specimen
*Veronica biloba L. - Dorn01, GPF, IMF, KTZ, UTF, E/W
[Pocilla biloba (L.) W. A. Weber] - SF!, W&W
✣Veronica catenata Pennell - Dorn01, IMF, SF!, UTF, W&W, E/W
[Veronica anagallis-aquatica L.] - KTZ
[Veronica catenata Pennell var. catenata] - GPF
[Veronica salina Schur.] - HDH
Veronica nutans Bongard - DA
[DA - this diploid Western N. Amer. species is clearly distinct from the tetraploid V. wormskkjoldii]
Veronica peregrina L. var. xalapensis (Kunth) H. St. John & F. W. Warren - Dorn01, GPF, IMF, UTF, E/W
[Veronica peregrina L subsp. xalapensis (Kunth) Pennell] - KTZ, SF!, W&W
[Veronica peregrina L. var. xalapensis (Kunth) Pennell] - HDH
*Veronica persica Poir. - Dorn01, GPF, HDH, IMF, KTZ, UTF, W&W[1], misid.
[Pocilla persica (Poir.) Fourr.] - W&W, W&W[1], misid
*Veronica polita Fr. - GPF, KTZ, E/W
[Pocilla polita (Fr.) Fourr.] - SF!, W&W
Veronica scutellata L. - GPF, HDH, IMF, KTZ, SF!, W&W, E/W
Veronica serpyllifolia L. var. humifusa (Dickson) Vahl - Dorn01, GPF, HDH, IMF, E/W
[Veronica serpyllifolia L.] - UTF
[Veronica serpyllifolia L. subsp. humifusa (Dickson) Syme] - KTZ
[Veronicastrum serpyllifolium (L.) Fourr. subsp humifusum (Dickson) W. A. Weber] - W&W
[Veronicastrum serpyllifolium (L.) Fourr subsp humifusum (Dickson) W. A. Weber] - SF!, W&W
Veronica wormskjoldii Roem. & Schult. - Dorn01, HDH, IMF, UTF, E/W
[Veronica nutans Bongard] - SF!, W&W
[Veronica wormskjoldii Roem. & Schult. var. wormskjoldii] - KTZ

Veronicastrum (see **Veronica**)

Plumbaginaceae - PLB (including **Limoniaceae**)

Armeria scabra Pall. subsp. sibirica (Turcz. ex Boiss.) Hylander - FNA, W&W, E/W
[Armeria labradorica Wallr.] - HDH
[Armeria maritima (Mill.) Willd.] - UTF
[Armeria maritima (Mill.) Willd. subsp sibirica (Turcz. ex Boiss) Nyman] - KTZ
[Armeria scabra Pall subsp sibirica (Turcz.) Hylander] - SF!

Poaceae - POA (= Gramineae)

(Identification sources: _____)

Achnatherum (see also **Jarava**)

(Identification sources: _____)

Achnatherum aridum (M. E. Jones) Barkworth - RBS, KTZ, SFW, W&W[1]
[Stipa arida M. E. Jones] - HDH, IMF, UTF, W&W, W
Achnatherum arnowiae (S. Welsh & N. D. Atwood) Barkworth - FNA
[NS - reported by UT3 in Mesa Co., CO, voucher not yet seen]
[Stipa arnowiae S. Welsh & N. D. Atwood] - UT3
Achnatherum contractum (B. L. Johnson) Barkworth - Dorn01, FNA, KTZ, W&W[1]
[Oryzopsis contracta (B. L. Johnson) Shechter - RMC
[Stipa hymenoides Roem. & Schult.] - W&W
Achnatherum hymenoides (Roem. & Schult.) Barkworth - RBS, Dorn01, FNA, KTZ, SF!, W&W[1]
[Oryzopsis hymenoides (Roem. & Schult.) Ricker] - GPF, HDH, IMF
[Oryzopsis hymenoides (Roem. & Schult.) Ricker ex Piper] - E/W
[Stipa hymenoides Roem. & Schult.] - UTF, W&W
Achnatherum lettermanii (Vasey) Barkworth - RBS, KTZ, SF!, W&W[1]
[Stipa lettermanii Vasey] - Dorn01, HDH, IMF, UTF, W&W, E/W
Achnatherum lobatum (Swallen) Barkworth - FNA
[Stipa lobata Swallen] - FNA
Achnatherum nelsonii (Scribn.) Barkworth subsp. dorei (Barkworth & J. Maze) Barkworth] - FNA, RBS
[Achnatherum nelsonii (Scribn.) Barkworth] - SF!, W&W[1], KTZ
[Stipa columbiana Macoun var. columbiana] - HDH, IMF
[Stipa nelsonii Scribn. var. dorei (Barkworth & J. Maze) Dorn] - E/W
Achnatherum nelsonii (Scribn.) Barkworth subsp. nelsonii – FNA, RBS
[Achnatherum nelsonii (Scribn.) Barkworth] - SF!, W&W[1]
[Achnatherum nelsonii (Scribn) Barkworth var nelsonii] - Dorn01
[Stipa columbiana Macoun var nelsonii (Scribn) Hitchc] - HDH
[Stipa columbiana Macoun var nelsonii (Scribn) St. John] - IMF
[Stipa nelsoniii Scribn.] - W&W
[Stipa nelsoniii Scribn. subsp. nelsonii] - UTF
[Stipa nelsonii Scribn. var. nelsonii] - Hartman06, E/W
[Stipa williamsii Scribn.] - HDH, W&W
Achnatherum nevadense (B. L. Johnson) Barkworth - Dorn01, KTZ
[Stipa nevadensis B. L. Johnson] - IMF, UTF
Achnatherum occidentale (Thurb.) Barkworth - RBS, Dorn01, FNA
[Achnatherum occidentale (Thurb ex S Watson) Barkworth subsp pubescens (Vasey) Barkworth] - KTZ, FNA
[Stipa occidentalis Thurb.] - GPF, IMF, UTF
[Stipa occidentalis Thurb. ex S. Watson] -W&W, err. rep.
Achnatherum perplexum Hoge & Barkworth - RBS, FNA
[Stipa perplexa (Hoge & Barkworth) J. Wipff & S.D. Jones]
Achnatherum pinetorum (M. E. Jones) Barkworth - RBS, Dorn01, KTZ, SFW, W&W[1]
[Stipa pinetorum M. E. Jones] - HDH, IMF, UTF, W&W, W
Achnatherum richardsonii (Link) Barkworth - RBS, Dorn01, KTZ, SF!, W&W[1]
[Stipa richardsonii Link] - GPF, HDH, W&W, E/W
Achnatherum robustum (Vasey) Barkworth - RBS, Dorn01, KTZ, SFE, W&W[1]
[Stipa robusta (Vasey) Scribn.] - GPF, HDH, W&W, E
Achnatherum scribneri (Vasey) Barkworth - RBS, Dorn01, KTZ, SF!, W&W[1]
[Stipa scribneri Vasey] - GPF, HDH, IMF, W&W, E/W
Achnatherum X bloomeri (Bol.) Barkworth - FNA, KTZ, W&W[1]
[Oryzopsis bloomeri (Bol) Ricker] - GPF, HDH
[Oryzopsis hymenoides X Stipa occidentalis] - KTZ

[Stipa X bloomeri Bol.] - UTF, E/W
[Stipa bloomeri Bol.] - W&W
[X Stiporyzopsis bloomeri (Bol.) B. L. Johnson] - IMF, SF!
Achnatherum thurberianum (Piper) Barkworth - Dorn01, FNA, KTZ
[Stipa thurberiana Piper] - IMF, UTF
Achnatherum webberi (Thurb.) Barkworth - RBS, KTZ, W&W[1], err. rep.
[Oryzopsis webberi (Thurber) Benth.] - HDH
[Stipa webberi (Thurb) B. L. Johnson] - IMF, W&W

*Aegilops cylindrica Host - RBS, Dorn01, GPF, HDH, IMF, KTZ, UTF, E/W
[Cylindropyrum cylindricum (Host) A. Löve] - SF!, W&W

X Agrohordeum (see **Elymus**)

Agropyron (see also **Elymus**)
*Agropyron cristatum (L.) Gaertn. var. cristatum - Dorn01, E/W
[Agropyron cristatum (L.) Gaertn.] - GPF, IMF, UTF, W&W[1]
[Agropyron cristatum (L.) Gaertn. subsp. cristatum] - SF[1], W&W
*Agropyron cristatum (L.) Gaertn. var. desertorum (Fisch. ex Link) Dorn - Dorn01, E/W
[Agropyron cristatum (L.) Gaertn.] - GPF, RBS
[Agropyron cristatum (L.) Gaertn. subsp. desertorum (Fisch.) A. Löve - SF!, W&W
[Agropyron cristatum (L.) Gaertn. subsp. pectinatum (M. Bieb.) Tzvelev] - KTZ
[Agropyron desertorum (Fisch.) Schult.] - HDH
[Agropyron desertorum Fisch. ex Link] - W&W[1]
[Agropyron desertorum (Fisch. ex Link) Schult.] - KTZ
[Agropyron desertorum (Link) Schult.] - UTF
[Agropyton sibiricum Willd.] - see IMF
*Agropyron cristatum (L.) Gaertn. var. fragile (Roth) Dorn - Dorn01, E/W
[Agropyron cristatum (L.) Gaertn.] - GPF, UTF
[Agropyron cristatum (L.) Gaertn. subsp. fragile (Roth) A Löve] - SF[1], W&W
[Agropyron cristatum (L.) Gaertn. subsp. pectinatum (M Bieb) Tzvelev] - KTZ
[Agropyron fragile (Roth) P. Candargy] - RBS, KTZ
[Agropyron mongolicum Keng] - W&W[1]
[Agropyron pectiniforme Roem. & Schult.] - IMF, W&W[1]
*Agropyron triticeum Gaertn. - Dorn01, HDH, E/W
[Eremopyrum triticeum (Gaertn.) Nevski] - RBS, IMF, SF!, UTF, W&W, KTZ

Agrositanion (see **Elymus**)

Agrostis

(Identification sources: _____)

Agrostis (see also **Polypogon**)
Agrostis exarata Trin. - Dorn01, RBS, HDH, KTZ, SF!, UTF, W&W, E/W
[Agrostis exarata Trin. var. exarata] - IMF
[Agrostis exarata Trin. subsp. minor (Hook.) C. L. Hitchc.] - GPF
[Agrostis exarata Trin. var. minor Hook.] - IMF
*Agrostis gigantea Roth - RBS, KTZ, SF!, W&W, E/W
[Agrostis alba L] - HDH
[Agrostis stolonifera L.] - GPF, UTF
{Agrostis hyemalis (Walter) Britton, Sterns, & Poggenb.} - GPF <CO>, KTZ <KS, NE,

OK>, W&W, misapp.
{NS - to be expected in southeastern WY based on FNA}
Agrostis idahoensis Nash - Dorn01, RBS, HDH, IMF, KTZ, SF!, W&W, E/W
[Agrostis bakeri Rydb]
[Agrostis X idahoensis Nash] - UTF
[Agrostis idahoensis Nash var bakeri (Rydb) W. A. Weber] - W&W
Agrostis mertensii Trin. - Dorn01, RBS, KTZ, SF!, W&W, E/W
[Agrostis borealis C. J. Hartman] - HDH, IMF, UTF
Agrostis scabra Willd. - Dorn01, RBS, FNA, GPF, IMF, KTZ, SF!, UTF, W&W
[Agrostis geminata Trin.] - KTZ
[Agrostis scabra Willd.] - Dorn01, GPF, IMF, KTZ, SF!, UTF, W&W
[Agrostis scabra Willd. var. germinata (Trin) Swallen] - HDH
[Agrostis scabra Willd. var. scabra] - HDH, E/W, RMC
*Agrostis stolonifera L. - Dorn01, RBS, GPF, KTZ, SF!, UTF, W&W, E/W
[Agrostis palustris Hudson] - HDH
[Agrostis stolonifera L. var. palustris (Hudson) Farw.] - IMF
[Agrostis stolonifera L. var. stolonifera] - IMF
Agrostis variabilis Rydb. - Dorn01, RBS, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Alopecurus aequalis Sobol. var. aequalis - KTZ, E/W
[Alopecurus aequalis Sobol] - Dorn01, RBS, GPF, HDH, IMF, SF!, UTF, W&W
*Alopecurus arundinaceus Poir. - Dorn01, RBS, KTZ
[Alopercurus vetricosus Pers.] - UTF
Alopecurus carolinianus Walter - Dorn01, RBS, GPF, IMF, KTZ, SFE, UTF, W&W, E
*Alopecurus geniculatus L. var. geniculatus - KTZ, E/W
[Alopecurus geniculatus L.] - RBS, GPF, HDH, IMF, SF!, UTF, W&W
Alopecurus magellenicus Lam. - RBS, FNA
[Alopecurus alpinus J. E. Sm.] - HDH, IMF, KTZ, SF!, UTF
[Alopecurus alpinus J. E. Sm. subsp.] - W&W[1], Eurasian
[Alopecurus alpinus J. E. Sm. var. alpinus] - RMC
[Alopecurus alpinus L. subsp. glaucus (Less.) Hultén] - W&W
[Alopecurus borealis Trin.] - Dorn01, E/W
*Alopecurus pratensis L. - GPF, RBS, IMF, KTZ, SF!, UTF, W&W, E/W

Andropogon (see also **Bothriochloa, Schizachyrium**)
Andropogon gerardii Vitman - Dorn01, RBS, FNA, GPF, HDH, IMF, KTZ, SF!, W&W, E/W
[Andropogon gerardii Vitman var. gerardii] - UTF
Andropogon hallii Hack. - Dorn01, RBS, FNA, GPF, HDH, IMF, KTZ, SFE, W&W, E
[Andropogon gerardii Vitman var. chrysocomus (Nash) Fernald] - UTF

Anisantha (see **Bromus**)

Anthoxanthum hirtum (Schrank) Y. Schouten & Veldkamp
[Hierochloë hirta (Schrank) Borbás subsp arctica (J Presl) G Weim.] - RBS, KTZ, SF!, W&W, E/W
*Anthoxanthum odoratum L. subsp. odoratum - RBS, FNA, KTZ
[Anthoxanthum odoratum L.] - HDH, W&W
[Hierochloë odorata (L) P. Beauv.] - Dorn01, GPF, HDH, IMF, KTZ, UTF, W&W, err. rep. based on A. hirtum

*Apera interrupta (L.) P. Beauv. - Dorn01, RBS, IMF, KTZ, SFE, UTF, W&W, E

Argillochloa (see **Festuca**)

Aristida

(Identification sources: _____)

✣Aristida adscensionis L. - FNA, RBS, GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E
Aristida arizonica Vasey - FNA, RBS, GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E
Aristida basiramea Engelm. ex Vasey - FNA, RBS, KTZ, E
[Aristida basiramea Engelm.] - HDH, SFE, W&W
[Aristida basiramea Engelm. ex Vasey var. basiramea] - GPF
Aristida curtissii (A. Gray) Nash - HDH, E
[Aristida basiramea Engelm.] - W&W, SFE
[Aristida basiramea Engelm. ex Vasey var. curtissii (A Gray) Shinners] - GPF
[Aristida dichotoma Michx. var. curtissii A Gray ex S. Watson & J. M. Coult.] - KTZ
Aristida dichotoma Michx. - FNA, RBS
[NS - It is uncertain which variety in our area]
Aristida divaricata Humb. & Bonpl. ex Willd. - FNA, RBS, GPF, HDH, KTZ, W&W, E
[Aristida divaricata Humb. & Bonpl.] - SFE
Aristida havardii Vasey - FNA, RBS, KTZ, W&W, E
[Aristida purpurea Nutt.] - SFE
Aristida oligantha Michx. - RBS
[Reported for Boulder County; voucher locality uncertain]
Aristida pansa Wooton & Standl. - FNA
Aristida purpurea Nutt. var. fendleriana (Steud.) Vasey - Dorn01, RBS, FNA, KTZ, E/W
[Aristida fendleriana Steud.] - HDH
[Aristida purpurea Nutt.] - SF!, UTF
[Aristida purpurea Nutt. var. longiseta (Steud.) Vasey] - GPF, IMF, W&W
Aristida purpurea Nutt. var. longiseta (Steud.) Vasey - Dorn01, FNA, RBS, GPF, IMF, KTZ, W&W, E/W
[Aristida longiseta Steud. var. longiseta] - HDH
[Aristida longiseta Steud. var. rariflora Hitchc.] - HDH
[Aristida longiseta Steud. var. robusta Merrill] - HDH
[Aristida purpurea Nutt.] - SF!, UTF
Aristida purpurea Nutt. var. nealleyi (Vasey) Allred - RBS, FNA, FCF
Aristida purpurea Nutt. var. purpurea - FNA, RBS, PC, GPF, IMF, KTZ, W&W, E/W
[Aristida purpurea Nutt.] - HDH, SF!, UTF
Aristida purpurea Nutt. var. wrightii (Nash) Allred - RBS, KTZ, E/W
[Aristida purpurea Nutt.] - SF!, UTF
[Aristida purpurea Nutt. var. glauca (Nees) A. Holmgren & N. Holmgren] - GPF, IMF
[Aristida wrightii Nash] - HDH, W&W
Aristida ternipes Cav. - FNA

*Arrhenatherum elatius (L.) J. Presl & C. Presl var. elatius - E/W
[Arrhenatherum elatius (L.) Presl] - GPF, UTF
[Arrhenatherum elatius (L.) J & K. Presl] - Dorn01
[Arrhenatherum elatius (L.) P. Beauv.] - SFE
[Arrhenatherum elatius (L.) P. Beauv. ex J. Presl & C. Presl] - RBS, IMF, W&W
[Arrhenatherum elatius (L.) Mert. & W. D. J. Koch] - SFW
[Arrhenatherum elatius (L.) Presl var. elatius] - HDH
[Arrhenatherum elatius (L.) P. Beauv. ex J. Presl & C. Presl var. elatius] - KTZ

*Avena fatua L. - Dorn01, RBS, HDH, IMF, KTZ, SF!, E/W

[Avena fatua L. var. fatua] - GPF, UTF, W&W

*Avena sativa L. - Dorn01, RBS, HDH, IMF, KTZ, E/W

[Avena fatua L. var. sativa (L.) Haussk.] - GPF, SF!, UTF, W&W

Avenula hookeri (Scribn.) Holub - RBS, SF!, W&W, FNA

[Helictotrichon hookeri (Scribn.) Henrard] - Dorn01, GPF, HDH, IMF, KTZ, E/W

Beckmannia syzigachne (Steud.) Fernald - Dorn01, RBS, GPF, HDH, IMF, KTZ, SFW, E/W

[Beckmannia syzigachne (Steud.) Fernald subsp. baicalensis (Kusn.) T. Koyama & Kuwano] - SFE, W&W

Blepharoneuron tricholepis (Torr.) Nash - RBS, HDH, IMF, SF!, UTF, W&W, E/W

[NS - P. Peterson indicates that this taxon falls into *Muhlenbergia* based on ITS and chloroplast sequences]

Bothriochloa

(Identification sources: _____)

Bothriochloa barbinodis (Lag.) Herter - FNA, RBS, IMF, KTZ, SFW, UTF, W&W, W

[Andropogon barbinodis Lag.] - GPF

*Bothriochloa bladhii (Retz.) S. T. Blake - FNA, RBS, KTZ, SFE, W&W, E

[Andropogon bladhii Retz.] - GPF

*Bothriochloa ischaemum (L.) Keng var. songarica (Rubr. ex Fisch. & C. A. Mey.) Celarier & Harlan - KTZ, W&W, E

[Bothriochloa ischaemum (L.) Keng var. songarica (Rubr.) Celarier & Harlan] - SFE

[Andropogon ischaemum L. var. songaricus Rupr. ex Fisch. & C. A. Mey.] - GPF

[Bothriochloa ischaemum (L.) Keng] - FNA, RBS, UTF

Bothriochloa laguroides (DC.) Herter subsp. torreyana (Steud.) Allred & Gould - FNA, KTZ, SFE, UTF, W&W, E

[Bothriochloa laguroides (DC.) Herter] - RBS

{Bothriochloa saccharoides (Sw.) Rydb.} - HDH (as Andropogon s.)

{NS - Our specimens likely confused with B. laguroides fide FNA}

{Andropogon saccharoides Sw.} - HDH

{Andropogon saccharoides Sw. var. torreyanus (Steud.) Hack} - GPF

{Bothriochloa laguroides (DC.) Herter subsp. torreyana (Steud.) Allred & Gould} - W&W

*Bothriochloa springfieldii (Gould) Parodi - FNA, RBS, KTZ, UTF, E

[Andropogon springfieldii Gould] - GPF <AZ, NM>

[Bothriochloa springfieldii Gould] - SFE, W&W[1]

Bouteloua Lag.

(Identification sources: _____)

[NS - *Bouteloua* and *Chondrosum* in their traditional circumscriptions are demonstrably polyphyletic and the continued recognition in the narrower sense of either genus is no longer justifiable (Columbus98, Columbus99)]

Bouteloua barbata Lag. - FNA, GPF, HDH, IMF, KTZ, E/W

[Bouteloua barbata Lag. var. barbata] - UTF

[Chondrosum barbatum (Lag.) Clayton] - SF!, RBS, W&W

Bouteloua curtipendula (Michx.) Torr. var. caespitosa Gould & Kapadia - FNA, RBS, GPF, KTZ, W&W, E/W

[Bouteloua curtipendula (Michx.) Torr.] - SF!

[Bouteloua curtipendula (Michx.) A. Gray var. caespitosa Gould & Kapadia] - IMF

Bouteloua curtipendula (Michx.) Torr. var. curtipendula - RBS, GPF, KTZ, W&W, E/W

[Bouteloua curtipendula (Michx) Torr.] - HDH, SF!, UTF

[Bouteloua curtipendula (Michx) A. Gray var. curtipendula] - IMF

Bouteloua dactyloides (Nutt.) J. T. Columbus - Columbus98; Columbus99

[Buchloë dactyloides (Nutt.) Engelm. - Dorn01, FNA, RBS, GPF, IMF, W&W, E

[Buchloë dactyloides Engelm] - SFE

[Buchloe dactyloides (Nutt.) Engelm.] - HDH, KTZ, UTF

[Bulbilis dactyloides Raf.] - TROPICOS

[Calanthera dactyloides Kunth] -TROPICOS

[Lasiostega humilis Rupr. ex Benth.] - TROPICOS

Bouteloua eriopoda (Torr.) Torr. - Dorn01, FNA, GPF, HDH, IMF, KTZ, UTF, E

[Chondrosum eriopodum Torr.] - SFE, RBS, W&W

Bouteloua gracilis (Kunth) Lag. - HDH

[Bouteloua gracilis (Kunth) Lag. ex Griffiths] - Dorn01, FNA, GPF

[Bouteloua gracilis (Kunth) Lag. ex Steud.] - IMF, UTF

[Bouteloua gracilis (Kunth) Lag. var. gracilis] - E W

[Bouteloua gracilis (Willd. ex Kunth) Lag. ex Griffiths] - KTZ

[Chondrosum gracile Kunth] - SF[1], RBS, W&W

Bouteloua hirsuta Lag. var. hirsuta - FNA, KTZ, E

[Bouteloua hirsuta Lag.] - Dorn01, GPF, HDH, IMF, UTF

[Chondrosum hirsutum (Lag.) Sweet - SFE, RBS, W&W

Bouteloua simplex Lag. - FNA, GPF, HDH, IMF, KTZ, UTF, E/W

[Chondrosum prostratum (Lag.) Sweet] - SF[1], W&W

[Chondrosum simplex (Lag) Kunth] - RBS

[Bouteloua prostratum Lag.] - W&W

*Brachypodium distachyon (L.) P. Beauv. - HDH, RBS, KTZ, W&W

Briza

[NS - No current evidence suggests that these two species are established in our region]

*{Briza maxima L.} - FNA, RBS, IMF, KTZ, SFW, W&W, W

*{Briza media L.} - FNA, RBS, KTZ, SFE, W&W, E

Bromelica (see **Melica**)

Bromopsis (see **Bromus**)

Bromus

[NS - See Snow07d for a recent generic key for SRMR species]

(Identification sources: _____)

{Bromus anomalus Rupr. ex E. Fourn.} - Dorn01, HDH, IMF, KTZ <AZ>, UTF, E/W

{NS - segregated from Bromus porteri in FNA Vol. 24}

*{Bromus berteroanus Colla} - KTZ <AZ, UT>, W&W[1], err. rep.

{Bromus trinii Desvaux} - HDH, IMF, UTF, W&W

*Bromus briziformis Fisch. & C. A. Mey. - Dorn01, RBS, FNA, KTZ, SF!, UTF, W&W, E/W

[Bromus brizaeformis Fisch. & C. A. Mey.] - HDH, IMF

Bromus carinatus Hook. & Arn. - Dorn01, GPF, HDH, IMF, KTZ, UTF, E/W

[Bromus marginatus Nees] - HDH

[Bromus marginatus Nees ex Steud.] - KTZ
[Bromus marginatus Nees ex Steud. var. breviaristatus (Buckley) Beetle] - KTZ
[Ceratochloa carinata (Hook. & Arn.) Tutin] - RBS, SF!, W&W

*Bromus catharticus Vahl - HDH, KTZ, UTF
[Bromus unioloides Kunth] - GPF
[Bromus willdenowii Kunth] - IMF
[Ceratochloa unioloides (Willd) P Beauv.] - W&W

Bromus ciliatus L. - Dorn01, GPF, IMF, UTF, E/W, Peterson07
[Bromus canadensis Michx.] - E/W
[Bromopsis canadensis (Michx.) Holub] - SF!
[Bromopsis canadensis (Michx.) Holub subsp. canadensis] - W&W
[Bromus ciliatus L. var. ciliatus] - HDH
[Bromus ciliatus L. var. richardsonii (Link) Boivin] - KTZ
[Bromus frondosus (Shear) Wooton & Standl.] - UTF

*Bromus commutatus Schrad. - Dorn01, RBS, GPF, HDH, IMF, KTZ, SF!, W&W, E/W

*Bromus diandrus Roth - FNA, KTZ, E/W, UTF
[Anisantha diandra (Roth) Tutin] - SF!, W&W[1]
[Anisantha diandra (Roth) Tutin ex Tzvelev] - RBS
[Bromus rigidus Roth] - KTZ, E W

*Bromus erectus Huds. - FNA

Bromus frondosus (Shear) Wooton & Standl. - FNA, FCF, HDH, IMF, KTZ
[Bromopsis ciliatus complex] - W&W
[Bromopsis frondosa (Shear) Holub] - RBS, W&W

*Bromus hordeaceus L. subsp. hordeaceus - KTZ, E/W
[Bromus hordeaceus L.] - RBS, SF!, UTF, W&W
[Bromus mollis L.] - IMF

*Bromus inermis Leyss. - FNA, HDH, UTF
[Bromopsis inermis (Leyss.) Holub] - RBS, SF!, W&W
[Bromus inermis Leyss. subsp. inermis] - GPF
[Bromus inermis Leyss. subsp. inermis var. inermis] - KTZ
[Bromus inermis Leyss.var. inermis] - Dorn01, IMF, E/W

*Bromus japonicus Thunb. ex Murray - Dorn01, GPF, KTZ, UTF, E/W
[Bromus japonicus Thunberg] - RBS, HDH, IMF, SF!, W&W

Bromus lanatipes (Shear) Rydb. - GPF, KTZ, E/W
[Bromopsis lanatipes (Shear) Holub] - RBS, SF!, W&W
[Bromus anomalus Ruprecht ex E. Fourn. var lanatipes (Shear) Hitchc] - HDH
[Bromus porteri (Coult) Nash var lanatipes Shear] - Gould75

{Bromus latiglumis (Scribn. ex Shear) Hitchc.} - to be expected in e. Wyoming

Bromus mucroglumis Wagnon - FNA, RBS

Bromus polyanthus Scribn. - FNA, HDH
[Bromus polyanthus Scribn var. paniculatus Shear] - KTZ
[Bromus polyanthus Scribn. var. polyanthus] - KTZ
[Bromus porteri (Coult) Nash] - KTZ

Bromus porteri (J. M. Coult.) Nash - FNA, SF!, W&W
[Bromus porteri Rydb.] - GPF
[Bromopsis porteri (Rydb.) Holub] - RBS, SF!, W&W

Bromus pubescens Muhl. ex Willd. - Dorn01, GPF, KTZ, E
[Bromopsis pubescens (Muhl.) Holub] - SFE
[Bromopsis pubescens (Muhl. ex Willd.) Holub] - RBS, W&W
[Bromus ciliatus L. var. laeviglumis Scribn ex Shear - HDH
[Bromus kalmii A. Gray] - GPF
[Bromus latiglumis Hitchc] - HDH
[Bromus latiglumis (Scribn. ex Shear) Hitchc] - GPF
[Bromus pubescens var. laeviglumis (Scribn. ex Shear) Swallen] - Gould75

[Bromus purgans L.] - HDH, W&W[1]

Bromus pumpellianus Scribn. - FNA
[Bromopsis pumpelliana (Scribn.) Holub] - RBS, SF!, W&W
[Bromus inermis Leyss.] - UTF
[Bromus inermis Leyss subsp pumpellianus (Scribn.) Wagnon] - GPF
[Bromus inermis Leyss subsp pumpellianus (Scribn) Wagnon var pumpellianus] - KTZ
[Bromus inermis Leyss. var. pumpellianus (Scribn.) C. L. Hitchc.] - E/W
[Bromus pumpellianus Scribn. var. pumpellianus] - HDH
[Bromus pumpellianus Scribn. var. tweedyi Scribn.] - HDH
[Bromus inermis Leyss subsp pumpellianus (Scribn) Wagnon var pumpellianus] - KTZ
[Bromus inermis Leyss. var purpurascens (Hook) Wagnon] - Dorn01, IMF

*Bromus racemosus L. - RBS, HDH, KTZ,SF!, W&W, E/W
[Bromus hordeaceus L.] - UTF
[Bromus mollis L.] - GPF, IMF

Bromus richardsonii Link - FNA, Peterson07
[Bromopsis richardsonii (Link) Holub] - RBS

*Bromus rubens L. - FNA, FCF

*Bromus secalinus L. - Dorn01, RBS, GPF, HDH, IMF, KTZ, SF!, UTF, W&W
[Bromus secalinus L. var. secalinus] - E/W

*Bromus squarrosus L. - Dorn01, RBS, GPF, KTZ, SF!, W&W, E/W

*Bromus sterilis L. - HDH, IMF, KTZ, UTF, E/W
[Anisantha sterilis (L) Nevski] – RBS, SF!, W&W

*Bromus tectorum L. - Dorn01, GPF, KTZ, UTF, E/W
[Anisantha tectorum (L.) Nevski] – RBS, SF!, W&W
[Bromus tectorum L. var glabratus Spenner] - HDH, IMF
[Bromus tectorum L. var. tectorum] - HDH, IMF

Buchloë (see **Bouteloua**)

Calamagrostis

(Identification sources: _____)

Calamagrostis canadensis (Michx.) P. Beauv. var. canadensis - FNA, KTZ, E/W
[Calamagrostis canadensis (Michx.) P. Beauv.] - Dorn01, RBS, GPF, HDH, IMF, SF!, UTF, W&W
[Calamagrostis scribneri Beal]- HDH, E/W

Calamagrostis canadensis (Michx.) P. Beauv. var. langsdorfii (Link) Inman - FNA, KTZ, W&W,
Calamagrostis canadensis (Michx.) P. Beauv. - GPF, UTF
Calamagrostis langsdorfii (Link) Trin. - W&W[1], misapp.

Calamagrostis montanensis (Scribn.) Scribn. - Dorn01, RBS, FNA, GPF, HDH, IMF, W&W
[Calamagrostis montanensis (Scribn.) Scribn. ex Vasey] - E/W
[Calamagrostis montanensis Scribn] - SF!
[Calamagrostis montanensis Scribn. ex Vasey] - KTZ

Calamagrostis purpurascens R. Br. - Dorn01, RBS, FNA, GPF, HDH, IMF, SF!, UTF, W&W
[Calamagrostis purpurascens R. Br. var. purpurascens] - KTZ, E/W

Calamagrostis rubescens Buckley - Dorn01, RBS, FNA, HDH, IMF, KTZ, SFW, UTF, W&W, W

Calamagrostis scopulorum M. E. Jones - Dorn01, RBS, FNA, HDH, KTZ, SFW, W&W, W

Calamagrostis stricta (Timm) Koeler subsp. inexpansa (A. Gray) C. W. Greene - FNA, KTZ
[Calamagrostis inexpansa A. Gray] - Dorn01, HDH, E/W
[Calamagrostis neglecta (Erhr.) P. Gaertn., B. Mey., & Scrib.] - HDH, IMF
[Calamagrostis stricta (Timm) Koeler] - GPF, SF!, UTF, W&W

Calamagrostis stricta (Timm) Koeler subsp. stricta - FNA
[Calamagrostis stricta (Timm) Koeler var. stricta] - E/W
[Calamagrostis neglecta (Ehrh) P Gaertn , B. Mey , & Scherb] - IMF
[Calamagrostis stricta (Timm) Koeler] - Dorn01, GPF, SF!, UTF, W&W
[Calamagrastis stricta (Timm) Koeler subsp. stricta var. stricta] - KTZ

Calamovilfa gigantea (Nutt.) Scribn. & Merr. - FNA, RBS, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Calamovilfa longifolia (Hook.) Scribn. var. longifolia - KTZ, E
[Calamovilfa longifolia (Hook.) Scribn.] - Dorn01, FNA, RBS, GPF, HDH, IMF, SFE, W&W

Catabrosa aquatica (L.) P. Beauv. var. aquatica - KTZ, E/W
[Catabrosa aquatica (L.) P. Beauv.] - Dorn01, GPF, HDH, IMF, SF!, UTF, W&W

*Cenchrus echinatus L. - FNA
Cenchrus longispinus (Hack.) Fernald - Dorn01, RBS, FNA, GPF, IMF, KTZ, SF!, UTF, W&W, E/W
Cenchrus spinifex Cav. - FNA, RBS, KTZ
[Cenchrus pauciflorus Benth.] - HDH, W&W, err. rep.

Ceratochloa (see **Bromus**)

Chloris verticillata Nutt. - Dorn01, FNA, RBS, GPF, HDH, KTZ, SF!, UTF, W&W, E/W
Chloris virgata Sw. - Dorn01, FNA, RBS, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Chondrosum (see **Bouteloua**)

Cinna latifolia (Trev. ex Goepp.) Griseb. - Dorn01, GPF, IMF, KTZ, E/W
[Cinna latifolia (Trev) Griseb] - HDH, SF!, W&W

Critesion (see **Hordeum**)

*Crypsis alopecuroides (Pill. & Mitterp.) Schrad. - Dorn01, FNA, RBS, KTZ, SFE, UTF, W&W, E

Cylindropyrum (see **Aegilops**)

*Cynodon dactylon (L.) Pers. var. dactylon - FNA, E/W
[Cynodon dactylon (L.) Pers.] - GPF, RBS, HDH, IMF, KTZ, SF!, UTF, W&W

*Cynosurus cristatus L. - HDH, KTZ, W&W
*Cynosurus echinatus L. - Hartman06

*Dactylis glomerata L. - Dorn01, GPF, HDH, IMF, SF!, UTF, W&W, E/W
[Dactylis glomerata L. subsp. glomerata] - KTZ

* Dactyloctenium aegyptium (L.) Willd. - KTZ, FNA, RBS
[Dactyloctenium aegyptium (L.) K. Richt.] - HDH
[Dactyloctenium aegyptium (L.) P. Beauv.] - UTF

Danthonia californica Bol. - Dorn01, RBS, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Danthonia intermedia Vasey - Dorn01, RBS, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Danthonia parryi Scribn. - Dorn01, RBS, FNA, HDH, KTZ, SF!, W&W, E/W
Danthonia spicata (L.) P. Beauv. ex Roem. & Schult. - Dorn01, RBS, FNA, GPF, KTZ, E
[Danthonia spicata (L.) P. Beauv] - SFE
[Danthonia spicata (L.) P. Beauv ex Roem & Schult. var pinetorum Piper] - HDH, W&W
Danthonia unispicata (Thurb.) Munro ex Macoun - FNA, IMF, KTZ, UTF, W
[Danthonia unispicata (Thurb.) Macoun] - GPF
[Danthonia unispicata (Thurb.) Munro] - HDH, SFW, W&W
[Danthonia unispicata (Thurb.) Munro ex Vasey] - RBS

Dasyochloa pulchella (Kunth) Willd. ex Rydb. - FNA, RBS, KTZ, W&W
[Dasyochloa pulchella (Kunth) Rydb.] - SFW
[Erioneuron pulchellum (Kunth) Tateoka] - IMF, UTF, W
[Tridens pulchellus (Kunth) Hitchc] - HDH

Deschampsia (see also **Vahlodea**)
Deschampsia brevifolia R. Br. - FNA
Deschampsia caespitosa (L.) P. Beauv. - Dorn01, KTZ, UTF
[Deschampsia cespitosa (L.) P Beauv.] - IMF, SF!
[Deschampsia caespitosa (L.) P. Beauv subsp caespitosa] - HDH
[Deschampsia cespitosa (L.) P Beauv. var. cespitosa] - GPF, E/W
[Deschampsia cespitosa (L.) P. Beauv. subsp. alpicola (Rydb.) A. Löve, D. Löve, & B. M. Kapoor] - W&W, SFE
[Deschampsia cespitosa (L.) P. Beauv. subsp. cespitosa] - W&W
[Deschampsia cespitosa (L.) P. Beauv. subsp. glauca (Hartman) Hartman] - KTZ
✣ Deschampsia elongata (Hook.) Munro - Dorn01, FNA
✣ Deschampsia flexuosa (L.) Trin. - FNA
[Avenella flexuosa (L.) Drejer] - Chiapella07

Dichanthelium

(Identification sources: _____)

Dichanthelium acuminatum (Sw.) Gould & C. A. Clark var. acuminatum - GPF, KTZ, W&W, E
[NS - infraspecific taxa likely artificial; doctoral studies in progress by Rick Hammer at Texas A & M and others at North Carolina State University]
[Dichanthelium acuminatum (Sw.) Gould] - Dorn01
[Dichanthelium acuminatum (Sw.) Freckmann var. sericeum (Schmoll) Freckmann] - W&W[1]
[Dichanthelium acuminatum (Sw.) Gould & C. A. Clark] - RBS, SFE, W&W[1]
[Panicum acuminatum Sw.] - UTF
Dichanthelium acuminatum (Sw.) Gould & C. A. Clark var. fasciculatum (Torr.) Freckmann - KTZ, W
[Dichanthelium acuminatum (Sw.) Frechmann] - SFW
[Dichanthelium acuminatum (Sw.) Gould & C. A. Clark var. acuminatum] - GPF, W&W
[Dicanthelium acuminatum (Sw.) Frechmann var. fasciculatum (Torr.) Frechmann] - SFW
[Dicanthelium lanuginosum (Elliott) Gould var. fasciculatum (Torr.) Spellenb.] - IMF
[Panicum huachucae Ashe] - HDH
[Panicum tennesseense Ashe] - HDH
Dichanthelium acuminatum (Sw.) Gould & C. A. Clark var. sericeum (Schmoll) Freckmann

-KTZ, W&W, W
[Dichanthelium acuminatum (Sw.) Gould & C. A Clark var. sericeum (Schmoll) Freckmann & Lelong] - FNA
[Dichanthelium acuminatum (Sw.) Frechmann] - FNA, KTZ
[Dichanthelium acuminatum (Sw.) Frechmann var. sericeum (Schmoll) Frechmann] - SFW
[Dichanthelium lanuginosum (Elliott) Gould var. sericeum (Schmoll) Freckmann] - IMF
[Dichanthelium lanuginosum (Elliott) Gould var. sericeum (Schmoll) Spellenb.] - IMF
Dichanthelium acuminatum (Sw.) Gould & C. A. Clark var. thermale (Bol.) Freckmann - KTZ
Dichanthelium depauperatum (Muhl.) Gould - Dorn01, FNA,GPF, KTZ
Dichanthelium linearifolium (Scribn.) Gould - Dorn01, RBS, FNA, GPF, SFE, W&W, E
[Dichanthelium linearifolium (Scribn. ex Nash) Gould] - KTZ
[Panicum perlongum Nash] - HDH
Dichanthelium oligosanthes (Schult.) Gould var. scribnerianum (Nash) Gould - Dorn01, GPF, IMF, KTZ, SFE, W&W, E
[Dichanthelium oligosanthes (Schult.) Gould] - RBS
[Panicum oligosanthes Schult. var. scribnerianum (Nash) Freckmann & Lelong - FNA
[Panicum oligosanthes Schult. var. scribnerianum (Nash) Gould] - UTF
[Panicum scribnerianum Nash] - HDH
Dichanthelium wilcoxianum (Vasey) Freckmann - Dorn01, FNA, KTZ, SFE, W&W[1], E
[Dichanthelium oligosanthes (Schult.) Gould var. scribnerianum (Nash) Gould] - W&W
[Dichanthelium oligosanthes (Schult.) Gould var. scribnerianum (Nash) Gould] - KTZ
[Dichanthelium wilcoxianum (Vasey) Freckmann] - RBS, GPF
[Panicum wilcoxianum Vasey] - HDH

Digitaria californica (Benth.) Henrard - FNA, RBS, KTZ, SFE, W&W, E
[Trichachne californica (Benth.) Chase] - GPF, HDH
* Digitaria ischaemum (Schreb.) Schreb. ex Muhl. - Dorn01, IMF, KTZ, UTF, W&W
[Digitaria ischaemum (Schreb.) Muhl.] - FNA, RBS, HDH
[Digitaria ischaemum (Schreb) Schreb] - SFE
[Digitaria ischaemum (Schreb) Muhl. var. ischaemum] - E
[Digitaria ischaemum (Schreb ex Schweigg) Schreb ex Muhl.] - GPF
Digitaria pubiflora (Vasey) Wipff - FNA
Digitaria sanguinalis (L.) Scop. - Dorn01, RBS, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Diplachne (see **Leptochloa**)

Distichlis stricta (Torr.) Rydb. - Dorn01, HDH, SF!, W&W
[Distichlis spicata (L.) Greene] - KTZ, RBS,UTF, FNA
[Distichlis spicata (L.) Greene var. stricta (Torr.) Scribn.] - IMF, E/W
[Distichlis spicata (L.) Greene var. stricta (Torr) Beetle] - GPF

*Echinochloa colona (L.) Link - FNA, RBS
[Panicum colonum L.] - RBS
*Echinochloa crus-galli (L.) P. Beauv. var. crus-galli - FNA, HDH, E/W
[Echinochloa crus-galli (L.) P. Beauv.] - Dorn01, RBS, GPF, IMF, KTZ, SF!, UTF, W&W
*Echinochloa crus-pavonis (Kunth) Schult. var. macra (Wiegand) Gould - FNA
[Echinochloa crus-galli (L.) P. Beauv] - IMF, UTF, W&W[1]
[Echinochloa crus-galli (L.) P. Beauv. var. zelayensis (Kunth) Hitchc] - HDH
[Echinochloa crus-pavonis (Kunth) Schult. var macera (Wiegand) Gould - GPF, KTZ
*Echinochloa frumentacea Link - FNA, RBS, KTZ, W&W
[Echinochloa crus-galli (L.) P. Beauv.] - UTF, W&W
[Echinochloa crus-galli (L.) P. Beauv. var. frumentacea (Roxburgh) W. F. Wight] - HDH

Echinochloa muricata (P. Beauv.) Fernald var. microstachya Wiegand - Dorn01, FNA, GPF, KTZ

[Echinochloa crus-galli (L.) P. Beauv] - IMF, UTF, W&W

[Echinochloa crus-gallii (L.) P. Beauv. var mitis (Pursh) Peterm.] - HDH

[Echinochloa muricata (P. Beauv.) Fernald] - RBS

*Eleusine indica (L.) Gaertn. - FNA, RBS, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

X Elyhordeum (see **Elymus**)

X Elyleymus (see **Elymus**)

Elymus L.

(Identification sources: _____)

[NS - While many recent authors recognize generic segregates (Kellogg89, Mason-Gamer01, FNA Vol. 24), Seberg98 questions classical genome analysis on which some genera are based In my view a less subjective division of *Elymus* into demonstrably monophyletic genera awaits further data]

Elymus albicans (Scribn. & J. G. Sm.) A. Löve var. albicans - Dorn01, E/W

[Agropyron albicans Scribn. & J. G. Sm.] - HDH

[Agropyron albicans Scribn. & J. G. Sm. var. albicans] - IMF

[Elymus albicans (Scribn. & J. G. Sm.) A. Löve] - RBS, KTZ

[Elymus lanceolatus (Scribn. & J. G. Sm.) Gould] - SF!, UTF, W&W

[Elymus lanceolatus (Scribn. & J. G. Sm.) Gould subsp. albicans (Scribn. & J. G. Sm.) Barkworth & D. R. Dewey] - FNA

Elymus albicans (Scribn. & J. G. Sm.) A. Löve var. griffithsii (Scribn. & J. G. Sm. ex Piper) Dorn - Dorn01, E/W

[Agropyron albicans Scribn & J G. Sm var griffithsii (Scribn. & J. G Sm) A. A Beetle]- IMF

[Agropyron griffithsii Scribn. & J. G. Sm.] - HDH

[Elymus albicans (Scribn. & J. G. Sm.) A. Löve] - KTZ

[Elymus lanceolatus (Scribn & J. G Sm.) Gould] - SF!, UTF, W&W

[Elymus lanceolatus (Scribn. & J. G. Sm.) Gould subsp. albicans (Scribn. & J. G. Sm) Barkworth & D. R. Dewey] - FNA

Elymus ambiguus Vasey & Scribn. - IMF

[Elymus ambiguus Vasey & Scribn. var. ambiguus] - HDH, E/W

[Elymus ambiguus Vasey & Scribn. var. strigosus (Rydb.) Hitchc.] - HDH, rep.

[Elymus salinus M. E. Jones] - UTF

[Leymus ambiguus (Vasey & Scribn.) D. R. Dewey] - RBS, FNA, KTZ, SF!, W&W

Elymus X aristatus Merr.

[Elymus elymoides X E. triticoides] - KTZ

[X Elyleymus aristatus (Merr.) Barkworth & D. R. Dewey] - KTZ, FNA

[X Elysitanion aristatum (Merr.) Bowden] - IMF

Elymus arizonicus (Scribn. & J. G. Smith) Gould - RBS, FNA, FCF

Elymus bakeri (E. Nels.) A. Löve - RBS, KTZ

[Agropyron bakeri E. Nelson] - HDH

[Elymus trachycaulus (Link) Gould ex Shinners subsp. bakeri (E. Nelson) A. Löve] - W&W

Elymus canadensis L. - RBS, GPF, IMF, KTZ, SF!, UTF, W&W

[Elymus canadensis L. var. canadensis] - Dorn01, FNA, HDH, E/W

[Elymus canadensis L. var. brachystachys (Scribn. & C. R. Ball) Farw.] - FNA, HDH

[Elymus canadensis L. var. hirsutus (Farw) Dorn] - Dorn01

[Elymus canadensis L. var. robustus (Scribn. & J. G. Sm) Mack. & Bush] - FNA, HDH

Elymus cinereus Scribn. & Merr. - Dorn01, GPF, HDH, UTF, E/W
[Elymus cinereus Scribn. & Merr. var. cinereus] - IMF
[Elymus cinereus Scribn. & Merr. var pubens (Piper) C. L. Hitchc.] - IMF
[Leymus cinereus (Scribn & Merr.) A. Löve] - RBS, KTZ, SF!, W&W
*Elymus elongatus (Host) Runem. var. elongatus - RMC
[Agropyron elongatum (Host) P. Beauv] - GPF, HDH, IMF
[Elymus elongatus (Host) Runem.] - UTF
[Elytrigia elongata (Host) Nevski] - FNA
[Thinopyrum ponticum (Podp.) Barkworth & D. R. Dewey] - W&W
[Thinopyrum ponticum (Podp.) Z. W. Liu & R. C. Wang] - KTZ
*Elymus elongatus (Host) Runem. var. ponticus (Podp.) Dorn - E/W
[Agropyron elongatum (Host) P. Beauv.] - HDH
[Elymus elongatus (Host) Runem.] - UTF
[Elytrigia pontica (Podp.) Holub] - FNA
[Thinopyrum ponticum (Podp.) Barkworth & D. R. Dewey] - SF!, W&W
[Thinopyrum ponticum (Podp.) Z. W. Liu & R. C. Wang] - KTZ
Elymus elymoides (Raf.) Swezey var. brevifolius (J. G. Sm.) Dorn - Dorn01
[Elymus elymoides (Raf.) Swezey] - UTF, W&W
[Elymus elymoides (Raf.) Swezey subsp. brevifolius (J. G. Sm.) Barkworth] - RBS, KTZ
[Sitanion hystrix (Nutt.) J G. Sm.] - HDH
[Sitanion hystrix (Nutt.) J G. Sm. var. brevifolium (J. G Sm.) C. L. Hitchc.] - GPF, IMF
[Sitanion longifolium J. G. Sm.] - E, KTZ
Elymus elymoides (Raf.) Swezey var. elymoides - Dorn01, E/W
[Elymus elymoides (Raf.) Swezey] - SF!, UTF, W&W
[Elymus elymoides (Raf.) Swezey subsp. elymoides] - RBS, KTZ
[Elymus longifolius (J. G. Sm.) Gould] - SF!, W&W
[Sitanion hystrix (Nutt.) J. G. Sm.] - HDH
[Sitanion hystrix (Nutt.) J. G. Sm. var. hystrix] - IMF
Elymus giganteus Vahl.- Schiebout08
[Elymus arenarius var. giganteus (Vahl) Schmalh. - KTZ
[Elymus racemosus Lam.] - KTZ
[Leymus giganteus (Vahl) Pilger] - KTZ
[Leymus racemosus (Lam.) Tzvelev] - RBS, FNA
{Elymus glabriflorus Vasey ex L. H. Dewey) Scribn. & C. R. Ball} - FNA
{NS - to be expected entering e. CO from western KS, as synonym of E. virginicus var. virgincus in KTZ}
Elymus glaucus Buckley var. glaucus - IMF, UTF, E/W
[Elymus glaucus Buckley] - Dorn01, GPF, HDH, SF!, W&W
[Elymus glaucus Buckley subsp. glaucus] - KTZ
Elymus X hansenii Scribn. - KTZ, UTF
[Elymus glaucus X E. elymoides] - KTZ
[X Elysitanion hansenii (Scribn) Bowden] - IMF
X Elymus hirtiflorus Hitchc.
[Elymus trachycausis X E. innovatus] - KTZ
[Elyleymus hirtiflorus (Hitchc.) Barkworth] - FNA, KTZ <WY>
[Elymus innovatus Beal var. innovatus] - RMC
*Elymus hispidus (Opiz) Melderis var. hispidus - Dorn01, E/W
[Agropyron intermedium (Host) P Beauv.] - HDH
[Agropyron intermedium (Host) P Beauv. var. intermedium] - GPF, IMF
[Elymus hispidus (Opiz) Melderis] - UTF
[Elytrigia intermedia (Host) Nevski] - FNA
[Thinopyrum intermedium (Host) Barkworth & D R. Dewey] - RBS, FNA, KTZ, SF!
[Thinopyrum intermedium (Host) Barkworth & D R Dewey subsp intermedium] - W&W
*Elymus hispidus (Opiz) Melderis var. ruthenicus (Griseb.) Dorn - Dorn01, E/W
[Agropyron intermedium (Host) P. Beauv. var. trichophorum (Link) Halac.] - GPF, IMF

[Agropyron trichophorum (Link) K. Richt.] - HDH
[Elymus hispidus (Opiz) Melderis] - UTF
[Elytrigia intermedia (Host) Nevski] - FNA
[Thinopyrum intermedium (Host) Barkworth & D. R. Dewey] - FNA, KTZ
[Thinopyrum intermedium (Host) Barkworth & D. R. Dewey subsp. barbulata (Schur) Barkworth & D. R. Dewey] - SFW
[Thinopyrum intermedium (Host) Barkworth & D R Dewey subsp barbulatum (Schur) Barkworth & D R. Dewey] - SFE, W&W

*Elymus junceus Fisch. - Dorn01, GPF, IMF, UTF, E/W
[NS - the inclusion of Agropyron riparium Scribn. & J. G Sm in synonymy for HDH in Snow04a cannot be correct give number of florests per spikelet indicated in HDH]
[Psathyrostachys juncea (Fisch) Nevski] - RBS, FNA, KTZ, SF!, W&W

{Elymus interruptus Buckley} - FNA
{NS - recognition being withheld given uncertainty of species status; see FNA 24. 306}

Elymus lanceolatus (Scribn. & J. G. Sm.) Gould var. lanceolatus - Dorn01, E/W
[Agropyron dasystachyum (Hook) Scribn.] - HDH
[Agropyron dasystachyum (Hook) Scribn. var. dasystachyum] - GPF, IMF
[Elymus lanceolatus (Scribn & J. G. Sm.) Gould] - SF!, UTF, W&W
[Elymus lanceolatus (Scribn & J. G. Sm.) Gould subsp. lanceolatus] - RBS, KTZ

Elymus lanceolatus (Scribn. & J. G. Sm.) Gould var. riparius (Scribn. & J. G. Sm.) Dorn - Dorn01
[Agropyon dasystachyum (Hook.) Scribn. var. riparium (Scribn. & J. G. Sm.) Bowden] - GPF, IMF
[Agropyon riparium Scribn. & J. G. Sm.] - HDH
[Elymus lanceolatus (Scribn. & J. G. Sm.) Gould] - UTF, W&W
[Elymus lanceolatus (Scribn. & J. G. Sm.) Gould subsp. lanceolatus] - KTZ

Elymus X macounii Vasey - Dorn01, E
[Elymus trachycaulus X Hordeum jubatum] - KTZ
[X Agrohordeum macounii (Vasey) Lepage] - GPF, IMF, SFE
[Elymus macounii Vasey] - FCF, HDH, W&W
[X Elyhordeum macounii (Vasey) Barkworth & D R Dewey] - Dorn01, KTZ, UTF

Elymus multisetus M. E. Jones - FNA, KTZ, W
[Elymus multisetus (J. G. Sm.) Davy] - RBS, SFW, W&W
[Sitanion jubatum J. G. Sm.] - IMF

* Elymus ponticus (Podp.) N. Snow - Snow07c
[Agropyron elongatum (Host) Beauv.] - IMF, KTZ
[Agropyron varnense (Velen.) Hayek] - KTZ
[Elymus elongatus (Host) Runemark] - KTZ
[Elymus elongatus (Host) var ponticus (Podp) Dorn] - Dorn01, KTZ
[Elymus varnense (Velen) Runemark] - KTZ
[Elytrigia elongata (Host) Nevski] - KTZ
[Elytrigia pontica (Podp.) Holub] - KTZ
[Lophopyrum elongatyum (Host) A Löve] - KTZ
[Thinopyrum ponticum Barkworth & D. R. Dewey] - RBS
[Thinopyrum ponticum (Podp) Z.-W. Liu & R.-C. Wang] - KTZ
[Triticum elongaum Podp.] - IMF

Elymus X pseudorepens (Scribn & J. G. Sm.) Barkworth & D. R. Dewey - FNA, KTZ, UTF
[Elymus lanceolatus X E. trachycaulus] - KTZ
[Agropyron X pseudorepens Scribn. & J. G. Sm.] - IMF
[Agropyron pseudorepens Scribn. & J. G. Sm. var. magnum Scribn. & J. G. Sm.] - HDH
[Agropyron pseudorepens Scribn. & J. G. Sm. var. pseudorepens] - HDH
[Elytrigia repens (L.) Nevski] - W&W

* Elymus repens (L.) Gould - RBS, Dorn01, HDH, KTZ, UTF, E/W
[Agropyron repens (L.) P. Beauv.] - GPF, HDH, IMF
[Elytrigia repens (L.) Nevski] - SF!, W&W
[Elytrigia repens (L.) Desv. ex B. D Jackson var repens] - FNA

Elymus salinus M. E. Jones - Dorn01, HDH, UTF, W
[Elymus salina M E Jones] - IMF
[Leymus salina (M. E. Jones) A. Löve] - RBS, SFW, W&W
[Leymus salina (M. E. Jones) Barkworth sbusp salina] - FNA
[Leymus salinus (M. E. Jones) A. Löve subsp. salinus] - FNA, KTZ
Elymus X saundersii Vasey - Donr01, FNA, KTZ, UTF
[Elymus elymoides X E. trachycaulus] - KTZ
[Agropyron saundersii (Vasey) Hitchc.] - HDH
[X Agrositanion saundersii (Vasey) Bowden] - IMF
[Elymus saundersii Vasey] - W&W
Elymus X saxicolus Scribn. & J. G. Sm. ex Scribn. - Dorn01
Elymus elymoides X E. spicatus - KTZ
[X Agrositanion saxicola (Scribn. & J. G. Sm.) Bowden] - IMF
[Elymus saxicola Scribn. & J. G. Sm.] - KTZ, W&W
[Elymus X saxicolus Scribn. & J. G. Sm.] - UTF
[X Pseudelymus saxicola (Scribn. & J. G. Sm.) Barkworth & D. R. Dewey] - FNA, KTZ
Elymus scribneri (Vasey) M. E. Jones - RBS, Dorn01, KTZ, SF!, UTF, W&W, E/W
[Agropyron scribneri Vasey] - HDH, IMF
Elymus scribneri X E. trachycaulus - FNA
[Agropyron subsecundum (Link) Hitchc. var. andinum (Scribn. & J. G. Sm.) Hitchc.]- HDH
[Agropyron trachycaulum (Link) Malte var. glaucum (Pease & Moore) Malte] - IMF
[Elymus trachycaulus (Link) Gould subsp. andinus (Scribn. & J. G. Sm.) A. Löve & D. Löve] - SF!, W&W
[Elymus trachycaulus (Link) Gould ex Shinners var. andinus (Scribn. & J. G. Sm.) Dorn] - Dorn01, E/W
[Elymus trachycaulus (Link) Gould ex Shinners] - UTF
[Elymus trachycaulus (Link) Gould ex Shinners subsp. andinus (Scribn. & J. G. Sm.) A. Löve & D. Löve] - W&W
[Elymus trachycaulus (Link) Gould ex Shinners subsp. trachycaulus] - KTZ
Elymus simplex Scribn. & T. A. Williams ex Scribn. var. luxurians Scribn. & T. A. Williams ex Scribn. - Dorn01
[Elymus simplex Scribn & T. A. Williams] - IMF
[Elymus triticoides Buckley var. simplex (Scribn. & T. A. Williams) C. L. Hitchc.] - HDH
[Leymus simplex (Scribn. & T. A. Williams) D. R. Dewey] - KTZ
Elymus simplex Scribn. & T. A. Williams ex Scribn. var. simplex - Dorn01, FNA
[Elymus simplex Scribn. & T. A. Williams] - GPF, IMF, UTF
[Elymus triticoides Buckley var. simplex (Scribn. & T. A. Williams) Hitchc.] - HDH
[Leymus simplex (Scribn. & T. A. Williams) D. R. Dewey] - KTZ
[Leymus triticoides (Buckley) Pilg.] - RBS, W&W
Elymus smithii (Rydb.) Gould - Dorn01, UTF, E/W
[Agropyron smithii Rydb.] - GPF
[Agropyron smithii Rydb. var. molle (Scribn. & J. G. Sm.) M. E. Jones] - HDH
[Agropyron smithii Rydb. var. palmeri (Scribn & J G. Sm.) A Heller] - HDH, IMF
[Agropyron smithii Rydb. var. smithii] - HDH, IMF
[Pascopyrum smithii (Rydb) A. Löve] - KTZ, W&W
[Pascopyrum smithii (Rydb.) A. Löve var. smithii] - SFE
[Pascopyrum smithii (Rydb.) A. Löve var. molle (Scribn. & J. G. Sm.) Beetle] - SFE
[Pascopyrum smithii (Rydb.) A. Löve forma smithii] - SFW
[Pascopyrum smithii (Rydb.) A. Löve forma molle (Scribn. & J. G. Sm.) Gillett & Senn] - SFW, W&W
[Pascopyrum smithii (Rydb.) Barkworth & D. R. Dewy] - RBS
Elymus spicatus (Pursh) Gould - Dorn01, UTF, E/W
[Agropyron inerme (Scribn. & J. G. Sm.) Rydb.] - HDH
[Agropyron spicatum (Pursh) Scribn. & J. G. Sm.] - GPF, HDH, IMF
[Pseudoroegneria spicata (Pursh) A. Löve] - RBS, SFW
[Pseudoroegneria spicata (Pursh) A° Löve subsp. inermis (Scribn & J G. Sm.) A Löve] - KTZ, SFE, W&W
[Pseudoroegneria spicata (Pursh) A. Löve subsp. spicata] - KTZ, W&W
Elymus trachycaulus (Link) Gould ex Shinners subsp. subsecundus (Link) A. Löve & D. Löve

- KTZ, W&W

[Agropyron caninum (L) Beauv. subsp. majus (Vasey) C. L. Hitchc var unilaterale Vasey] - GPF
[Agropyron subsecundum (Link) Hitchc. var. subsecundum] - HDH
[Agropyron trachycaulum (Link) Malte var. unilaterale (Cassidy) Malte] - IMF
[Elymus trachycaulus (Link) Gould ex Shinners] - UTF
[Elymus trachycaulus (Link) Gould ex Shinners var. andinus (Scribn. & J. G. Sm.) Dorn] - RMC

Elymus trachycaulus (Link) Gould ex Shinners var. trachycaulus - Dorn01, FNA, E/W

[Agropyron caninum (L) Beauv. subsp. majus (Vasey) C. L. Hitchc var. majus] - GPF
[Agropyron latiglume (Scribn. & J. G. Sm.) Rydb.] - HDH
[Agropyron trachycaulum (Link) Malte] - HDH
[Agropyton trachycaulum (Link) Malte var. trachycaulum] - IMF
[Elymus trachycaulus (Link) Gould - SF!
[Elymus trachycaulus (Link) Gould ex Shinners] - UTF
[Elymus trachycaulus (Link) Gould ex Shinners subsp. trachycaulus] - RBS, KTZ, W&W
[Elymus violaceus (E. Nels.) Á. Löve] - RBS

Elymus triticoides Buckley var. triticoides - HDH, IMF, E/W

[Elymus triticoides Buckley] - Dorn01, UTF
[Elymus triticoides Buckley var. pubescens Hitchc] - HDH rep., IMF
[Leymus triticoides (Buckley) Pilg.] - KTZ, SF!, W&W

Elymus villosus Muhl. ex Willd. - Dorn01, GPF, KTZ

Elymus violaceus (Hornem.) Feilberg - FNA

[Elymus alaskanus (Scribn. & Merr.) A. Löve subsp. latiglumis (Scribn. & J. G. Sm.) A. Löve KTZ
[Agropyron latiglume (Scribn. & J. G. Sm.) Rydb.] - HDH
[Elymus trachycaulus (Link) Gould ex Shinners subsp. andinus (Scribn. & J. G. Sm.) A. & D. Löve] - W&W
[Elymus trachycaulus (Link) Gould ex Shinners var. trachycaulus] - RMC
[Elymus violaceus (E. Nels.) Á. Löve] - RBS

{Elymus virginicus L. var. jejunus (Ramaley) Bush} - FNA

{NS - As of July 2007 I have been unable to confirm this taxon for our region; statements about distributions for the SRMR in FNA and GPF are vague. Inadequate time was available to exhaustively search larger collections in our region, e.g. COLO and RM}
{Elymus virginicus} - Dorn01

Elymus virginicus L. var. submuticus Hook. - GPF, IMF, UTF, E

[Elymus curvatus Piper] -RBS, FNA
[Elymus submuticus (Hook.) Smyth & L. C. K. Smyth}] - KTZ
[Elymus virginicus L.] - SFE, W&W
[Elymus virginicus L. var. australis (Scribn. & Ball) Hitchc.]- HDH
[Elymus virginicus L. var. virginicus] - RBS, HDH

X Elysitanion (see **Elymus**)

Elytrigia (see **Elymus**)

Enneapogon desvauxii P. Beauv. - FNA, RBS, GPF, IMF, SFW, UTF, W&W, W

[Enneapogon desvauxii Desv. ex P. Beauv.] - KTZ

Eragrostis

[NS - For Eragrostis I recommend consulting Peterson in FNA Vol 25]

(Identification sources: _____)

*Eragrostis barrelieri Daveau - FNA, RBS, GPF, HDH, KTZ, SFE, UTF, W&W, E
*Eragrostis cilianensis (All.) Vignolo ex Janch. - Dorn01, FNA, RBS, KTZ

[Eragrostis cilianensis (All.) Lutati ex Janch.] - E/W
[Eragrostis cilianensis (All.) F. T. Hubbard] - SFE, W&W
[Eragrostis cilianensis (All.) Link.] - HDH
[Eragrostis cilianensis (All.) Janch.] - SFW
[Eragrostis cilianensis (All.) E. Mosher] - GPF, IMF, UTF
Eragrostis curtipedicellata Buckley - FNA, RBS, GPF, HDH, KTZ, SFE, W&W, E
*Eragrostis curvula (Schrad.) Nees var. conferta Stapf. - E
[Eragrostis curvula (Schrad) Nees] - FNA, RBS, GPF, IMF, KTZ, SFE, UTF, W&W
Eragrostis erosa Scribn. ex Beal - FNA
Eragrostis hypnoides (Lam.) Britton, Sterns, & Poggenb. - Dorn01, FNA, RBS, GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E
Eragrostis intermdia Hitchc. - FNA
Eragrostis lehmanniana Nees - FNA
Eragrostis lutescens Scribn. - FNA, RBS, HDH rep., IMF, KTZ, SFE, W&W[1], E
[Eragrostis cilianensis (All.) Vignolo ex Janch] - UTF, W&W
{Eragrostis mexicana (Hornem.) Link subsp. mexicana} - KTZ <AZ, NM>
{Eragrostis mexicana (Lag) Link} - GPF
{Eragrostis neomexicana Vasey ex L. H . Dewey} - FNA, KTZ2
Eragrostis mexicana (Hornem.) Link subsp. virescens (J. Presl) S. D. Koch & Sanchez - KTZ, RBS, UTF, W&W, E/W
[Eragrostis mexicana (Hornem.) Link subsp. virescens J. Presl] - FNA, SF!
[Eragrostis orcuttiana Vasey] - HDH, IMF
*Eragrostis minor Host - Dorn01, FNA, RBS, GPF, KTZ, SF!, UTF, W&W, E/W
Eragrostis palmeri S. Watson - FNA
Eragrostis pectinacea (Michx.) Nees ex Steud. var. miserrima (E. Fourn.) Reeder - FNA, RBS, KTZ
[Eragrostis pectinacea (Michx) Nees] - HDH, W&W
[Eragrostis pectinacea (Michx) Nees var. miserrima (E Fourn.) Reeder] - KTZ
[Eragrostis tephrosanthos J. E. Shult] - IMF
Eragrostis pectinacea (Michx.) Nees ex Steud. var. pectinacea - KTZ, RBS, E/W
[Eragrostis diffusa Buckley] - HDH, W&W
[Eragrostis pectinacea (Michx) Nees] - GPF, HDH, IMF, UTF, W&W
[Eragrostis pectinacea (Michx) Nees ex Steud. var. pectinacea (Michx) Nees] - KTZ
[Eragrostis pectinacea (Michx.) Nees var. pectinacea] - FNA
[Eragrostis pilosa (L.) Beauv.] - SF!, W&W[1]
*Eragrostis pilosa (L.) P. Beauv. var. perplexa (L. H. Harv.) S. D. Koch - FNA, RBS, GPF, E/W
[Eragrostis perplexa L. H. Harv.] - HDH
[Eragrostis pilosa (L.) Beauv.] - KTZ, SF!, W&W
Eragrostis pilosa (L.) P. Beauv. var. pilosa - FNA, RBS, GPF, E/W
[Eragrostis pilosa (L.) P Beauv.] - HDH, KTZ, SF!, W&W
Eragrostis secundiflora J. Presl subsp. oxylepis (Torr.) S. D. Koch - FNA, RBS, GPF, KTZ, SFE, W&W, E
[Eragrostis oxylepis (Torr.) Torr.] - HDH
[Eragrostis secundiflora C. Presl subsp. oxylepis (Torr.) S. D. Koch] - KTZ
Eragrostis sessilispica Buckley - FNA
Eragrostis spectabilis (Pursh) Steud. - FNA, RBS, GPF, HDH, KTZ, SF!, W&W, E/W
Eragrostis tef (Zucc.) Trotter - RBS
[Reported by RBS for Larimer County]
Eragrostis trichodes (Nutt.) A. W. Wood - Dorn01, FNA, RBS, GPF, HDH, KTZ, SF!, W&W, E/W

Eremopyrum (see **Agropyron**)

Erianthus (see **Saccharum**)

Eriochloa contracta Hitchc. - FNA, RBS, GPF, HDH, KTZ, SFE, UTF, W&W, E
Eriochloa sericea (Scheele) Munro ex Vasey - FNA
*Eriochloa villosa (Thunb.) Kunth - FNA, KTZ

Erioneuron pilosum (Buckley) Nash - FNA, RBS, IMF, KTZ, SF!, UTF, W&W, E/W
[Tridens pilosus (Buckley) Hitchc] - GPF, HDH

Festuca (see also **Leucopoa, Schedonorus, Vulpia**)
[NS - See Snow08b for recent key to SRMR species]

(Identification sources: _____)

Festuca arizonica Vasey - HDH, IMF, KTZ, SF!, W&W, Aiken95, E/W
[Festuca ovina L. var. arizonica Hackel ex Beal] - UTF
Festuca baffinensis Polunin - Dorn01, KTZ, SF!, W&W, Aiken95, E/W
Festuca brachyphylla Schult. ex Schult. & Schult. f. subsp. brachyphylla
[Festuca brachyphylla Schult. ex Schult. & Schult. f. var. brachyphylla] - Dorn01
Festuca brachyphylla Schult. ex Schult. & Schult. f. subsp. coloradensis Frederiksen - KTZ, Aiken95, E/W
[Festuca brachyphylla Schult. subsp. coloradensis Frederiksen] - SF!, W&W
[Festuca brachyphylla Schult. & Schult. f. subsp. coloradensis Frederiksen] - Dorn01
[Festuca ovina L. var. brachyphylla (Schult.) Piper] - HDH
[Festuca ovina L. var. brevifolia (R. Br.) S. Watson] - IMF, UTF
Festuca calligera (Piper) Rydb. - FNA
[Festuca ovina L. subsp. calligera Piper]
{Festuca campestris Rydb.} - KTZ, SFE, W&W, E
{Festuca scabrella Torr.} - GPF
{Festuca scabrella Torr. ex Hook.} - IMF
Festuca dasyclada Hack. ex Beal - IMF, KTZ, UTF; Aiken95, W
[Argillochloa dasyclada (Hackel) W. A. Weber] - SFW, W&W
[Argillochloa dasyclada (Hackel ex Beal) W. A. Weber] - RBS, W&W
Festuca earlei Rydb. - FNA, KTZ, Aiken95
[Festuca rubra L.] - W&W
Festuca hallii (Vasey) Piper - Dorn01, FNA, KTZ, SF!, W&W, Aiken95, E/W
[Festuca scabrella Torr. ex Hook.] - IMF
Festuca idahoensis Elmer - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, W&W
[Festuca idahoensis Elmer var. idahoensis] - Aiken95, E/W
[Festuca ovina L. var. ingrata Hackel ex Beal] - UTF
Festuca minutiflora Rydb. - Dorn01, KTZ, SF!, W&W, Aiken95, E/W
[Festuca ovina L. var. brevifolia (R. Br.) S. Watson] - IMF
[Festuca ovina L. var. ovina] - HDH
{Festuca ovina L. var. ovina} - HDH, IMF, UTF
{NS - see discussion in FNA Vol. 24: 422; in brief, F. ovina is not found in our area }
{Festuca ovina L.} - KTZ <UT>, W&W
* Festuca rubra L. subsp. rubra - Dorn01, FNA, KTZ
[Festuca rubra L. var. rubra] - FNA, HDH, IMF, E/W
[Festuca rubra L.] - GPF, SF!, UTF, W&W

{Festuca rubra L. var. lanuginosa Mert. & W. D. J. Koch} - HDH, IMF, W&W, err. rep.
{Festuca rubra L. subsp. arenaria (Osbeck) Syme} - FNA
{Festuca rubra L. subsp. arenaria (Osbeck) F Aresch.} - KTZ
Festuca saximontana Rydb. var. purpusiana (Saint-Yves) Frederiksen & Pavlick - FNA, KTZ, Aiken95
[Festuca ovina L. var. brevifolia (R. Br.) S. Watson] - IMF
[Festuca saximontana Rydb. subsp. purpusiana (Saint-Yves) Frederiksen & Pavlick] - W&W[1]
Festuca saximontana Rydb. var. saximontana - FNA, KTZ, Aiken95, E/W
[Festuca ovina L. var. rydbergii Saint-Yves] - GPF, IMF, UTF
[Festuca saximontana Rydb.] - Dorn01, SF!, W&W
{Festuca scabrella Torr.} - GPF, HDH, W&W, misid.
{Festuca altaica Trin.} - KTZ
{Festuca scabrella Torr. ex Hook.} - IMF
Festuca sororia Piper - FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Festuca subulata Trin. - FNA, GPF, IMF, KTZ, SFW, UTF, W&W, err. rep., W&W[1], W
{Festuca subverticillata (Pers.) E. B. Alexeev - FNA}
{NS - To be expected to enter WY and CO from adjacent Nebraska}
Festuca thurberi Vasey - Dorn01, HDH, IMF, KTZ, SF!, UTF, W&W, Aiken95, E/W
Festuca trachyphylla (Hackel) Krajina - FNA, FCF
[Festuca brevipila Tracey] - KTZ
[Festuca cinerea auct. non Vill.] - KTZ
[Festuca duriuscula auct. non L.] - KTZ
[Festuca duriuscula var. cinerea auct. non (Vill.) Krajina] - KTZ
[Festuca longifolia auct. non Thuill.] - KTZ
[Festuca ovina var. duriuscula auct. non (L.) W.D.J. Koch] - KTZ
[Festuca ovina auct. non L.] - KTZ

Glyceria (see also **Torreyochloa**)
Glyceria borealis (Nash) Batch. - Dorn01, RBS, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Glyceria elata (Nash ex Rydb.) M. E. Jones - Dorn01, RBS, W&W, E/W
[Glyceria elata (Nash) M. E. Jones] - IMF, SF!
[Glyceria elata (Nash) Hitchc.] - HDH
[Glyceria striata (Lam) Hitchc.] - KTZ, UTF
Glyceria grandis S. Watson - Dorn01, RBS, HDH, IMF, SF!, UTF, W&W, E/W
[Glyceria grandis S. Watson ex A. Gray] - GPF
[Glyceria grandis S. Watson var. grandis] - KTZ
Glyceria striata (Lam.) Hitchc.] - Dorn01, RBS, FNA, GPF, IMF, KTZ, SF!
[Glyceria striata (Lam.) Hitchcock var. stricta (Scribn.) Fernald] - HDH, IMF, W&W, E/W

Graphephorum wolfii (Vasey) Vasey ex Coult. - Finot05, RBS
[Graphephorum muticum (Bol.) A. Heller] - Finot05, RBS
[Trisetum subspicatum P Beauv. var. muticum Bol.] - Finot05, RBS
[Trisetum wolfii Vasey] - Dorn01, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Helictrotrichon (see also **Avenula**)
Helictotrichon mortonianum (Scribn.) Henrard - Dorn01, FNA, HDH, KTZ, SF!, W&W, E/W
[Helictotrichon mortoniana (Scribn.) Henrard] - UTF

Hesperochloa (see **Leucopoa**)

Hesperostipa comata (Trin. & Rupr.) Barkworth - SF!, W&W[1]
[Hesperostipa comata (Trin & Rupr.) Barkworth subsp. comata - KTZ, RBS

[Hesperostipa comata (Trin. & Rupr.) Barkworth subsp. intermedia (Scribn. & Tweedy) Barkworth]-KTZ, RBS
[Stipa comata Trin. & Rupr.] - GPF, W&W
[Stipa comata Trin. & Rupr. var. comata] - HDH, IMF, UTF, E/W
[Stipa comata Trin. & Rupr. var. intermedia Scribn. & Tweedy - HDH, IMF, UTF, E/W

Hesperostipa neomexicana (Thurb.) Barkworth - RBS, FNA, SF!, W&W[1]
[Hesperostipa neomexicana (Thurb. ex J. M. Coult.) Barkworth] - KTZ
[Stipa neomexicana (Thurb. ex J. M. Coult.) Scribn.] - W&W, E W
[Stipa neomexicana (Thurb.) Scribn.] - GPF, HDH, IMF, UTF

Hesperostipa spartea (Trin.) Barkworth - RBS, FNA, KTZ, SFE, W&W[1]
[Stipa spartea Trin.] - GPF, HDH, IMF, W&W
[Stipa spartea Trin. var. spartea] - E

Hierochloë (see **Anthoxanthum)**

Hilaria jamesii (Torr.) Benth. - Dorn01, FNA, GPF, HDH, IMF, SF!, UTF, W&W, E/W
[Pleuraphis jamesii Torr.] - KTZ, RBS

* Holcus lanatus L. - RBS, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Hordeum

(Identification sources: _____)

Hordeum brachyantherum Nevski - Dorn01, GPF, HDH, IMF, UTF, E/W
[Critesion brachyantherum (Nevski) Barkworth & D. R. Dewey] - RBS, W&W
[Critesion brachyantherum (Nevski) W. A. Weber] - SF!
[Hordeum brachyantherum Nevski subsp brachyantherum] - KTZ
[Hordeum jubatum L. subsp. breviaristatum Bowden] - KTZ

Hordeum distichon L. - Dorn01

Hordeum jubatum subsp. jubatum - RBS, FNA, KTZ
[Critesion jubatum (L.) Nevski] - SF!, W&W
[Hordeum jubatum L.] - IMF, UTF, E/W
[Hordeum jubatum L. var. jubatum] - HDH
[Hordeum jubatum L. subsp. jubatum] - KTZ

Hordeum jubatum L. subsp. intermedium Bowden - RBS, KTZ, FNA
[Critesion jubatum (L.) Nevski] - W&W
[Hordeum brachyantherum X H. jubatum] - IMF
[Hordeum X caespitosum Scribn. ex Pammel] - Dorn01
[Hordeum X caespitosum Scribn.] - UTF
[Hordeum caespitosum Scribn] - GPF
[Hordeum jubatum L.] - IMF
[Hordeum jubatum L. var. caespitosum (Scribn) Hitchc.] - HDH
[Hordeum intermedium Hausskn] - FNA

*Hordeum murinum L. subsp. glaucum (Steud.) Tzvelev - RBS, FNA, KTZ, E/W
[Critesion glaucum (Steud.) A. Löve] - SF!, W&W
[Hordeum glaucum Steud.] - IMF
[Hordeum murinum L.] - UTF

{Hordeum murinum L. subsp. murinum} - KTZ
{Hordeum murinum L.} - IMF, UTF

Hordeum pusillum Nutt. - RBS, Dorn01, GPF, HDH, KTZ, UTF, E/W
[Critesion pusillum (Nutt.) A. Löve] - SF!, W&W
[Hordeum pusillum Nutt. var. pusillum] - IMF

*Hordeum vulgare L. - RBS, GPF, KTZ, SF!, UTF, E/W
[Hordeum distichon L.] - IMF
[Hordeum vulgare L. var. vulgare] - Dorn01, HDH, IMF, W&W
[Hordeum vulgare L. var. trifurcatum (Schltdl) Alef] - Dorn01, HDH, IMF, W&W

Jarava (see **Pappostipa**)

Koeleria macrantha (Ledeb.) Schult. - RBS, Dorn01, KTZ, SF!, UTF, W&W, E/W
[Koeleria cristata (L.) Pers] - HDH
[Koeleria nitida Nutt.] - IMF
[Koeleria pyramidata (Lam.) P. Beauv.] - GPF

✣Leersia oryzoides (L.) Sw. - Dorn01, RBS, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Leptochloa dubia (Kunth) Nees - FNA, RBS, GPF, KTZ
[Diplachne dubia (Kunth) Scribn.] - SFE, W&W[1]
Leptochloa fusca (L.) Kunth subsp. fascicularis (Lam.) N. Snow - FNA, KTZ, Snow98, E/W
[Diplachne fasicularis (Lam.) A. Gray] - SFE
[Diplachne fasicularis (Lam.) P. Beauv.] - SFW, W&W[1]
[Leptochloa fascicularis (Lam.) A. Gray] - GPF, HDH, IMF, UTF, W&W
[Leptochloa fusca (L.) Kunth var. fascicularis (Lam.) Dorn] - Dorn01, RBS
{Leptochloa fusca (L.) Kunth subsp. uninervia (J. Presl) N. Snow} - KTZ; Snow98, FNA
{NS - no specimen exists at COLO. HDH personal notes evidently indicated the CO specimen was at US (T Hogan, pers. comm Nov 2003), which does not have a record from CO (P. Peterson, pers. comm Nov 2003); however, may eventually be found in playas or edges of reservoirs in se CO or ne NM below 8,000 ft }
{Diplachne uninervia (J. Presl) Parodi} - W&W[1], err. rep.
{Leptochloa uninervia (J. Presl) Hitchc. & Chase} - HDH, IMF, UTF
{Leptochloa uninervia (J. Presl) Hitchc.} - W&W, doubtful rep.
Leptochloa panicea (Retz.) Owhi - FCF, Snow98
[NS - reported by FCF for Montrose County, voucher not seen, most likely subsp. brachiata]

Leucopoa kingii (S. Watson) W. A. Weber - RBS, Dorn01, GPF, IMF, KTZ, SF!, UTF, W&W, E/W
[Festuca kingii (S Watson) Cassidy] - Aiken95
[Hesperochloa kingii (S Watson) Rydb] - HDH

Leymus (see **Elymus**)

Lolium (see also **Schedonorus**)
*Lolium multiflorum Lam. - RBS, Dorn01, HDH, IMF, E/W
[Lolium perenne L.] - SF!
[Lolium perenne L. subsp. italicum (A. Braun) Syme] - W&W
[Lolium perenne L. subsp. multiflorum (Lam.) Husnot] - KTZ
[Lolium perenne L. var. aristatum Willd.] - GPF, UTF
*Lolium perenne L. - RBS, Dorn01, HDH, IMF, SF!, E/W
[Lolium perenne L subsp perenne] - KTZ
[Lolium perenne L. var. perenne] - GPF, UTF

Lycurus
[NS - Paul Peterson {US} informs me (Aug. 2007) that this genus falls into *Muhlenbergia* based on ITS and chloroplast sequences {see also *Schedonnardus*}]
Lycurus phleoides Kunth - FNA, GPF, HDH, IMF, KTZ, RBS, UTF,W&W, rep., W&W[1], rep.

Lycurus setosus (Nutt.) C. Reeder - FNA, RBS, KTZ, SF!, W&W[1], E/W
[NS - this taxon will soon be transferred into as *Muhlenbergia alopecuroides* (Griseb.) P. M. Peterson & Columbus, see Madroño {in press}]

Melica bulbosa Geyer ex Porter & J. M. Coult. var. bulbosa - IMF, W
[Bromelica bulbosa (Geyer) W. A. Weber] - SFW, RBS
[Bromelica bulbosa (Geyer ex Porter & J. M. Coult.) W. A. Weber] - W&W
[Melica bulbosa Geyer] - GPF, HDH
[Melica bulbosa Geyer ex Porter & J. M. Coult.] - Dorn01, KTZ, UTF
Melica nitens (Scribn.) Nutt. ex Piper - FNA
Melica porteri Scribn. - RBS, GPF, HDH, SF!, UTF, W&W, E/W
[Melica porteri Scribn. var. porteri] - KTZ
Melica spectabilis Scribn. - Dorn01, HDH, IMF, KTZ, UTF, E/W
[Bromelica spectabilis (Scribn.) W. A. Weber] - SF!, RBS, W&W
Melica subulata (Griseb.) Scribn. var. subulata - KTZ, W
[Bromelica subulata (Griseb.) Farw.] - SFW, RBS, W&W[1]
[Melica subulata (Griseb.) Scribn.] - Dorn01, GPF

*Miscanthus sinensis Andersson - FNA, HDH, KTZ, W&W

Monroa (see **Munroa**)

Muhlenbergia

[NS - I recommend Peterson's treatment in FNA Vol. 25 for additional information]

(Identification sources: _____)

Muhlenbergia andina (Nutt.) Hitchc. - Dorn01, RBS, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Muhlenbergia arenacea (Buckley) Hitchc. - FNA, RBS, HDH, KTZ, SFE, W&W, E
Muhlenbergia arenicola Buckley - GPF, RBS, HDH, KTZ, SFE, W&W, E
Muhlenbergia arsenei Hitchc. - FNA
Muhlenbergia asperifolia (Nees & Meyen ex Trin.) Parodi - Dorn01, RBS, FNA, KTZ, W&W, E/W
[Muhlenbergia asperifolia (Nees & Meyen) Parodi - GPF, HDH, IMF, SF!, UTF
Muhlenbergia brevis C. O. Goodding - FNA, RBS, HDH, KTZ, SFE, W&W, E
Muhlenbergia cuspidata (Torr. ex Hook.) Rydb. - Dorn01, RBS, FNA, KTZ, E
[Muhlenbergia cuspidata (Torr.) Rydb. - GPF, HDH, SFE, W&W
Muhlenbergia depauperata Scribn. - FNA, RBS, KTZ, SFW, UTF, W&W, W
Muhlenbergia dubia E. Fourn. - FNA
Muhlenbergia emersleyi Vasey - FNA
Muhlenbergia filiculmis Vasey - Dorn01, FNA, RBS, GPF, HDH, IMF, KTZ, UTF, W&W, E/W

Muhlenbergia filiformis (Thurb. ex S. Watson) Rydb. - Dorn01, RBS, FNA, KTZ, W&W, E/W
[Muhlenbergia filiformis (Thurb.) Rydb. - GPF, HDH, IMF, SF!, UTF
Muhlenbergia glomerata (Willd.) Trin. - Dorn01, RBS, FNA, GPF, KTZ, UTF, W&W
Muhlenbergia longiligula Hitchc. - FNA
Muhlenbergia mexicana (L.) Trin. - Dorn01, FNA, RBS, GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E

Muhlenbergia minutissima (Steud.) Swallen - Dorn01, RBS, FNA, GPF, HDH, KTZ, SF!, W&W, E/W
Muhlenbergia montana (Nutt.) Hitchc. - Dorn01, RBS, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Muhlenbergia pauciflora Buckley - FNA, RBS, HDH, IMF, KTZ, SFW, UTF, W&W, W
Muhlenbergia porteri Scribn. ex Beal - FNA, RBS, IMF, KTZ, UTF, E/W
[Muhlenbergia porteri Scribn] - GPF, HDH, SF!, W&W
Muhlenbergia pungens Thurb. - Dorn01, RBS, GPF, HDH, IMF, KTZ, SF!, UTF, E/W
[Muhlenbergia pungens Thurb. ex A. Gray] - FNA, W&W
Muhlenbergia racemosa (Michx.) Britton, Sterns, & Poggenb. - Dorn01, RBS, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Muhlenbergia ramulosa (Kunth) Swallen - KTZ, RBS, W&W, misapp., E
[Muhlenbergia wolfii (Vasey) Rydb] - HDH, SFE, W&W
Muhlenbergia repens (J. Presl) Hitchc. - FNA, KTZ, UTF
Muhlenbergia richardsonis (Trin.) Rydb. - Dorn01, RBS, FNA, GPF, HDH, KTZ, SF!, W&W, E/W
Muhlenbergia rigens (Benth.) Hitchc. - FNA
Muhlenbergia rigida (Kunth) Trin. - FNA
✣ Muhlenbergia schreberi J. F. Gmel. - FNA, RBS, GPF, HDH, KTZ, SFE, UTF, W&W, E
Muhlenbergia tenuiflora (Willd.) Britton, Sterns & Poggenb. - FNA
Muhlenbergia texana Buckley - FNA
Muhlenbergia thurberi Rydb. - IMF, RBS, KTZ, SFW, UTF, W
[Muhlenbergia thurberi (Scribn.) Rydb.] - FNA, W&W
Muhlenbergia torreyi (Kunth) Hitchc. ex Bush - Dorn01, RBS, FNA, GPF, KTZ, W&W, E
[Muhlenbergia torreyi (Kunth) Hitchc.] - HDH, SFE
Muhlenbergia wrightii Vasey ex J. M. Coult. - FNA, RBS, IMF, KTZ, UTF, W&W, E/W
[Muhlenbergia wrightii Vasey] - HDH, SF[1]

Munroa squarrosa (Nutt.) Torr. - Dorn01, RBS, FNA, GPF, HDH, IMF, UTF
[Monroa squarrosa (Nutt) Torr.] - KTZ, SF!, W&W, E/W

Nassella tenuissima (Trin.) Barkworth - RBS, FNA
[Stipa tenuissima Trin.] - FNA
Nassella viridula (Trin.) Barkworth - RBS, Dorn01, FNA, KTZ, SF!, W&W[1]
[Stipa viridula Trin.] -GPF, HDH, UTF, W&W, E/W

Oryzopsis (see also **Achnatherium, Pipatherum**)

[NS - the genus is polyphyletic; but best way to split still not evident]

Oryzopsis asperifolia Michx. - RBS, Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, W&W, E/W

Panicum (see also **Dichanthelium**)

[NS - the genus is polyphyletic and is being split actively, primarily by Morone, Zuloaga, and colleagues working out of Argentina. I am withholding some of the generic splits pending more data]

(Identification sources: _____)

Panicum antidotale Retz. - FNA
Panicum capillare L. - Dorn01, RBS, FNA, GPF, IMF, KTZ, SFE, UTF, W&W, E/W
[Panicum capillare L. var. capillare] - HDH
[Panicum capillare L. var. occidentale Rydb] - HDH, SFW
✣ Panicum dichotomiflorum Michx. var. dichotomiflorum - FNA, KTZ, E
[Panicum dichotomiflorum Michx.] - GPF, RBS, HDH, IMF, SFE, UTF, W&W
Panicum hallii Vasey var. hallii - FNA, GPF, KTZ, E
[Panicum hallii Vasey] - RBS, HDH, IMF, SFE, UTF, W&W
Panicum hillmanii Chase - GPF, KTZ, SFE, W&W, E
✻ Panicum miliaceum L. - Dorn01, RBS, FNA, GPF, HDH, IMF, SFE, UTF, W&W, E
[Panicum miliaceum L. subsp. miliaceum] - KTZ
Panicum obtusum Kunth - FNA, RBS, GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E
[NS - Zuloaga07 described the monotypic genus *Hopia* for this species, but until the boundaries of the wildly polyphyletic *Panicum* are more fully resolved [see their Fig. 2] the recognition of this genus is being withheld]
[Hopia obtusa (Kunth) Zuloaga & Morrone] - Zuloaga07
Panicum virgatum L. - Dorn01, RBS, GPF, HDH, IMF, SF!, UTF, W&W, E/W
[Panicum virgatum L. var. virgatum] - KTZ

Pappostipa speciosa (Trin. & Rupr.) Romeschenko - Romeschenko08
[Achnatherum speciosum (Trin. & Rupr.) Barkworth] - KTZ, SFW, W&W[1]
[Jarava speciosa (Trin. & Rupr.) Peñail.] RBS, FNA
[Stipa speciosa Trin. & Rupr.] - HDH, IMF, UTF, W&W, W

Pascopyrum (see **Elymus**)

✻ Paspalum dilatatum Poir. - RBS, GPF, HDH, KTZ, SFW, W&W, W
✣ Paspalum pubiflorum Rupr. ex E. Fourn. var. glabrum Vasey ex Scribn. - GPF, E
[Paspalum pubiflorum Rupr. ex E. Fourn.] - FNA, RBS, KTZ
[Paspalum pubiflorum Rupr. var. glabrum Vasey] - SFE
[Paspalum pubiflorum Rupr. ex E. Fourn. var glabrum Vasey & Scribn] - W&W
✻ Paspalum racemosum Lam. - FNA, RBS, HDH, KTZ, W&W
✣ Paspalum setaceum Michx. - FNA, RBS, KTZ
[Paspalum setaceum Michx. var. stramineum (Nash) D. J. Banks] - GPF, SFE, W&W, E
[Paspalum stramineum Nash] - HDH

Pennisetum (see also **Setaria)**
✻ Pennisetum alopecuroides (L.) Spreng. - RBS
[Panicum alopecuroides L.]
✻ Pennisetum glaucum (L.) R. Br. - FNA, KTZ
[Setaria glauca (L.) P. Beauv. - GPF, IMF, SF!, UTF, W&W, E/W
[Setaria lutescens (Weigel) F. T. Hubbard] - HDH
✻ Pennisetum setaceum (Forsk.) Chiov. - RBS, HDH, IMF, KTZ, W&W
[NS - Not listed by FNA for our region]
✻ Pennisetum villosum R. Br. ex Fresen. - KTZ
[Pennisetum villosum R. Br.] - HDH, W&W

Phalaris arundinacea L. var. arundinacea - HDH, E/W
[Phalaris arundinacea L.] - Dorno01, GPF, IMF, KTZ
[Phalaris arundinacea L. var. picta L.] - HDH
[Phalaris arundinacea L. forma picta (L.) Asch. & Graebn.] - IMF
[Phalaris arundinacea L. forma variegata (Parnell) Druce] - UTF
[Phalaroides arundinacea (L.) Rauschert] - RBS, SF!, W&W

Phalaris canariensis L. - RBS, Dorn01, GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E
Phalaris caroliniana Walter - RBS, GPF, HDH, IMF, KTZ, SFE, W&W, E
Phalaris minor Retz. - RBS, HDH, KTZ, SFE, W&W, E

Phalaroides (see **Phalaris**)

Phippsia algida (Phipps) R. Br. - RBS, Dorn01, HDH, KTZ, SF!, W&W, E/W

Phleum alpinum L. - RBS, Dorn01, GPF, HDH, IMF, KTZ, UTF, W&W[1], misapp.
[Phleum alpinum L. var. alpinum] - E/W
[Phleum commutatum Gaudin] - SF!, W&W
Phleum pratense L. - RBS, Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W
[Phleum pratense L. var. pratense] - E/W

Phragmites australis (Cav.) Trin. ex Steud. - Dorn01, FNA, RBS, GPF, IMF, KTZ, UTF, W&W, E/W
[Phragmites australis (Cav.) Trin] - SF!
[Phragmites communis Trin.] - HDH

Piptatherum exiguum (Thurb.) Barkworth - RBS, Dorn01, KTZ, FNA
[Oryzopsis exigua Thurb.] - GPF, HDH, IMF, SF!, UTF, W&W, E/W
Piptatherum micranthum (Trin. & Rupr.) Barkworth - RBS, Dorn01, FNA, KTZ, SF!, W&W[1]
[Oryzopsis micrantha (Trin. & Rupr) Thurb.] - GPF, HDH, IMF, UTF, W&W, E/W
Piptatherum pungens (Torr.) Barkworth - RBS, Dorn01, FNA, KTZ
[Oryzopsis pungens (Torr) Hitchc] - GPF, HDH, SF!
[Oryzopsis pungens (Torr. ex Spreng) Hitchc - Hartman06, W&W, E/W

Piptochaetium fimbriatum (Kunth) Hitchc. - FNA

Pleuraphis (see **Hilaria**)

Poa

[NS - See Snow08a for a recent key to species from the SRMR]

(Identification sources: _____)

Poa abbreviata R. Br. subsp. pattersonii (Vasey) A. Löve, D. Löve, & B. M. Kapoor - FNA, KTZ, SF!, W&W
[Poa abbreviata R Br.] - RBS
[Poa pattersonii Vasey] - Dorn01, HDH, IMF, UTF, E/W
Poa alpina L. - RBS, Dorn01, FNA, HDH, IMF, KTZSF!, UTF, W&W, E/W
Poa annua L. - RBS, Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
{Poa arachnifera Torr.}
{NS - approaches our area closely in southeast CO from southwest KS}
Poa arctica R. Br. subsp. aperta (Scribn. & Merr.) Soreng - FNA, KTZ, SFW, W&W[1], E/W
[Poa aperta Scribn. & Merrill] - W&W
[Poa arctica R Br] - IMF
[Poa arctica R. Br. subsp. aperta (Vasey) Soreng] - SFE
Poa arctica R. Br. var. arctica - Dorn01, FNA, E

[Poa arctica R. Br.] - HDH, IMF, SFE, UTF, W&W
[Poa arctica R. Br. subsp. arctica] - KTZ
Poa arctica R. Br. var. grayana (Vasey) Dorn - Dorn01, FNA, E/W
[Poa arctica R Br] - HDH, IMF, UTF, W&W
[Poa arctica R Br subsp grayana (Vasey) Löve] - SF!
[Poa arctica R Br subsp grayana (Vasey) A. Löve, D. Löve, & B M Kapoor] - KTZ, SFE
Poa arida Vasey - RBS, Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
[Poa glaucifolia Scribn. & T. A. Williams] - GPF, HDH, IMF, SF!, W&W
Poa bigelovii Vasey & Scribn. - RBS, FNA, HDH, IMF, KTZ, SFE, UTF, W&W, E
{Poa bolanderi Vasey - FNA}
{NS - to be expected in southwestern CO from UT}
Poa bulbosa L. - RBS, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
[Poa bulbosa L. subsp vivipara (Koel) Arcang.] - FNA
* Poa compressa L. - RBS, Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
{Poa cusickii Vasey var. cusickii} - E/W
{Poa cusickii Vasey} - GPF, HDH, IMF
{Poa cusickii Vasey subsp. cusickii}- FNA, KTZ, W&W, W&W[1], err. rep.
{Poa cusickii Vasey subsp. pallida Soreng} - Dorn01, SF!, W&W, W&W[1], putative hybrid of Poa cusickii X P. fendleriana
{Poa fendleriana (Steud.) Vasey} - UTF
Poa cusickii Vasey var. epilis (Scribn.) C. L. Hitchc. - Dorn01, E/W
[Poa cusickii Vasey subsp epilis (Scribn) W. A. Weber] - RBS, FNA, KTZ, SF!, W&W
[Poa epilis Scribn] - HDH, IMF
[Poa fendleriana (Steud.) Vasey] - UTF
Poa cusickii Vasey var. pallida (Soreng) Dorn
[Poa cusickii Vasey subsp. pallida Soreng] - RBS, FNA, W&W[1], W&E
Poa fendleriana (Steud.) Vasey subsp. fendleriana - RBS, FNA, KTZ
[NS - synonymized under P cusickii in previous checklist]
[Poa fendleriana (Steud.) Vasey] - Dorn01, GPF, HDH, IMF, UTF, W&W, E/W
Poa fendleriana (Steud.) Vasey subsp. longiligula (Scribner & Williams) Soreng] - RBS, FNA, KTZ, SF!, W&W[1]
[Poa longiligula Scribn. & T. A. Williams] - HDH
Poa glauca Vahl subsp. glauca - FNA, KTZ
[Poa glauca Vahl var. glauca] - UTF
Poa glauca Vahl subsp. rupicola (Nash) W. A. Weber - FNA, SF!, W&W
[Poa glauca Vahl var. rupicola (Nash ex Rydb) B Boivin] - Dorn01, E/W
[Poa glauca Vahl subsp rupicola (Nash ex Rydb.) W. A. Weber] - KTZ
[Poa glauca Vahl var. rupicola (Nash) J Boivin] - UTF
[Poa rupicola Nash] - HDH, IMF
[Poa rupicola Nash ex Rydb.] - GPF
Poa interior Rydb. - RBS, Dorn01, FNA,GPF, HDH, IMF, E/W
[Poa glauca Vahl var. glauca] - UTF
[Poa nemoralis L. subsp. interior (Rydb.) Butters & Abbe] - SF!
[Poa nemoralis L. subsp. interior (Rydb.) W. A. Weber] - KTZ, W&W
Poa laxa Haenke subsp. banffiana Soreng - RBS, FNA, KTZ
[NS - location of a voucher uncertain]
Poa leptocoma Trin. - RBS, Dorn01, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Poa lettermanii Vasey - RBS, Dorn01, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Poa X nematophylla Rydb. - FNA, KTZ
[Poa cusickii Vasey] - IMF
[Poa cusickii Vasey subsp. pallida Soreng] - W&W[1]
Poa occidentalis Vasey - RBS, FNA, HDH, IMF, KTZ, SFW, W&W, W
Poa palustris L. - RBS, Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Poa pratensis L. subsp. alpigena (Lindm.) Hiitonen - FNA
Poa pratensis L. subsp. agassizensis (B. Boivin & D. Löve) Roy L. Taylor & MacBryde - FNA, RBS
*Poa pratensis L. subsp. pratensis - FNA, KTZ, RBS
[Poa agassizensis B. Boivin & D. Löve] - SF!, W&W
Poa reflexa Vasey & Scribn. - RBS, Dorn01, FNA, HDH, IMF, SF!, UTF, W&W, E/W
[Poa reflexa Vasey & Scribn. ex Vasey] - KTZ
Poa secunda J. Presl subsp. juncifolia (Scribn.) Soreng - RBS, FNA
[NS - consult Kellogg85 as well]
[Poa juncifolia Scribn.] - GPF, HDH, IMF, SF!, W&W
[Poa juncifolia Scribn. var. ampla (Merr.) Dorn] - RMC
[Poa juncifolia Scribn. var. juncifolia] - RMC
[Poa nevadensis Vasey] - HDH
[Poa nevadensis Vasey ex Scribn.] - IMF
[Poa secunda J. Presl subsp. nevadensis]
Poa secunda J. Presl subsp. secunda J. Presl - RBS, FNA
[Poa secunda J. Presl var. secunda] - Dorn01
[Poa secunda J. Prsel var. elongata (Vasey) Dorn] - RMC
[Poa secunda J. Presl var. incurva (Scribn. & T. A. Williams ex Scribn.) Beetle] - RMC
Poa stenantha Trin. var. stentantha - FNA, RBS
[Poa macroclada Rydb.] - FNA, KTZ
[Poa stenantha Trin.] - KTZ
Poa tracyi Vasey - RBS, FNA, KTZ, SF!, W&W, E/W
[Poa occidentalis Rydb., not Vasey] - HDH
Poa trivialis L. - RBS, Dorn01, FNA, HDH, IMF, KTZ, SFE, UTF, W&W, E
Poa wheeleri Vasey - RBS, Dorn01, FNA, KTZ, FNA
[Poa nervosa (Hook.) Vasey] - HDH, SF!, W&W
[Poa nervosa (Hook.) Vasey var. wheeleri (Vasey) C. L. Hitchc] - IMF, UTF, E/W

Podagrostis humilis (Vasey) Björkman - RBS, FNA, SF!, W&W[1]
[Agrostis humilis Vasey] - Dorn01, HDH, IMF, KTZ, UTF, W&W, E/W
[Agrostis thurberiana Hitchc.] HDH, IMF, UTF, W&W, E/W
[Podagrostis thurberiana (Hitchc.) Hultén] - SF!, W&W[1]

Polypogon elongatus Kunth - RBS, FNA, KTZ, W&W
Polypogon interruptus Kunth - RBS, Dorn01, GPF, IMF, KTZ, SFE, UTF, W&W[1], E
Polypogon monspeliensis (L.) Desf. - RBS, Dorn01, GPF, HDH, IMF, KTZ, SF!, W&W, E/W
Polypogon viridis (Gouan) Breistr. - RBS, KTZ, SF!, W&W, E/W
[Agrostis semiverticillata (Forskål) C. Christensen] - HDH, IMF
[Polypogon semiverticillata (Forskål) Hylander] - UTF

Psathyrostachys (see **Elymus**)

X Pseudelymus (see **Elymus**)

Pseudoroegneria (see **Elymus**)

♦ Ptilagrostis porteri (Rydb.) W. A. Weber - **ENDEMIC** **<CO>** - RBS, FNA, SF!, W&W
[Ptilagrostis mongholica (Turcz. ex Trin) Griseb. subsp. porteri (Rydb.) Barkworth - KTZ, E/W
[Stipa porteri Rydb.] - HDH

Puccinellia (see also **Torreyochloa**)

* Puccinellia distans (L.) Parl. - RBS, Dorn01, GPF, HDH, IMF, UTF, W&W
  [Puccinellia distans (Jacq.) Parl. subsp distans] - KTZ

Puccinellia nuttalliana (Schult.) Hitchc. - RBS, Dorn01, GPF, IMF, KTZ, UTF, E/W
  [NS - Previous checklist split out P. cusickii as distinct species]
  [Puccinellia airoides S. Watson & J. M. Coult.] - W&W
  [Puccinellia airoides (Nutt.) S. Watson & J. M. Coult.] - HDH, SF!
  [Puccinellia cusickii Weath.] - Dorn01, GPF <WY>, W&W

Redfieldia flexuosa (Thurb.) Vasey - Dorn01, FNA, GPF, HDH, IMF, KTZ, SFE, UTF, E
  [NS - Dr. Paul Peterson {US} informs that this genus falls into *Muhlenbergia* based on ITS and chloroplast sequences]
  [Redfieldia flexuosa (Thurb. ex A. Gray) Vasey] - W&W, RBS

Saccharum ravennae (L.) L. - KTZ
  [Erianthus ravennae (L.) P. Beauv.] - GPF, HDH, IMF
  [Saccharum ravennae (L.) Murray] - UTF

Schedonnardus paniculatus (Nutt.) Trel. - RBS, Dorn01, FNA, RBS, GPF, HDH, KTZ, SF!, W&W, E/W
  [NS - Paul Peterson {US} indicates that this taxon falls into *Muhlenbergia* based on ITS and chloroplast sequences; no combination is yet available in that *Muhlenbergia*]

*Schedonorus arundinaceus (Schreb.) Dumort. - RBS, FNA
  [NS - This name was proposed for conservation by Soreng et al (2001) in Taxon (50: 915-917), which was approved and incorporated into the Vienna Code]
  [Festuca arundinacea Schreb] - Dorn01, GPF, IMF, SF!, UTF, W&W, E/W, Darbyshire93, Snow03
  [Festuca elatior L. var. arundinacea (Schreb.) Celak] - HDH
  [Lolium arundinaceum (Schreb) Darbysh] - KTZ

*Schedonorus pratensis (Huds.) P. Beauv. - RBS, FNA
  [Festuca pratensis Huds. - Dorn01, GPF, IMF, SF!, UTF, W&W, E/W, Snow03
  [Festuca elatior L. var. elatior] - HDH
  [Lolium pratense (Huds.) Darbysh.] - KTZ

Schizachne purpurascens (Torr.) Swallen - RBS, Dorn01, GPF, HDH, KTZ, SF!, W&W, E/W

Schizachyrium scoparium (Michx.) Nash var. scoparium - FNA, IMF, KTZ, E/W
  [Andropogon scoparius Michx.] - HDH
  [Andropogon scoparius Michx. var. neomexicanus (Nash) Hitchc.] - GPF
  [Schizachyrium scoparium (Michx) Nash] - Dorn01, RBS, SF!, UTF, W&W
  [Schizachyrium scoparium (Michx) Nash var neomexicanum (Nash) Gould] - IMF

Sclerochloa dura (L.) P. Beauv. - RBS, FNA, GPF, HDH, IMF, KTZ, SFW, UTF, W&W, W

Scleropogon brevifolius Phil. - FNA, RBS, GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E

Secale cereale L. - RBS, Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Seteria

[NS - Setaria is demonstrably polyphyletic and members in our region fall out in separate clades; Doust07 summarize these findings but do not yet suggest nomenclatural changes]

(Identification sources: _____)

*Setaria adhaerans (Forssk.) Chiov. - FNA
Setaria faberi R.A.W. Herm. - FNA
Setaria grisebachii E. Fourn. - FNA
* Setaria italica (L.) P. Beauv. - RBS, Dorn01, RBS, FNA, GPF, HDH, KTZ, W&W
Setaria leucopila (Scribn. & Merr.) K. Schum. - RBS, FNA, RBS, GPF, KTZ, SFE, W&W, E
[Setaria macrostachya Kunth] - HDH
Setaria pumila (Poir.) Roem. & Schult. subsp. pumila - RBS, FNA
Setaria pumila (Poir.) Roem. & Schult. subsp. pallidefusca (Schumacker) B. K. Simon - FNA, KTZ
[Setaria glauca (L.) P. Beauv.] - Dorn01, W&W[1]?
Setaria verticillata (L.) P. Beauv. var. verticillata - FNA, E/W
[Setaria verticillata (L.) P. Beauv.] - RBS, Dorn01, RBS, GPF, HDH, IMF, KTZ, SF!, UTF, W&W
Setaria viridis (L.) P. Beauv. - RBS, Dorn01, RBS, FNA, GPF, HDH, IMF, SF!, W&W, E/W
[Setaria viridis (L.) P. Beauv. var. viridis] - KTZ
Setaria vulpiseta (Lam.) Roem. & Schult. - KTZ

Sitanion (see **Elymus**).

Sorghastrum nutans (L.) Nash - Dorn01, RBS, FNA, GPF, HDH, IMF, KTZ, UTF, E/W
[Sorghastrum avenaceum (Michx.) Nash] - SF!, W&W

Sorghum bicolor (L.) Moench subsp. bicolor - GPF, KTZ
[Sorgham bicolor (L.) Moench] - FNA, RBS, IMF, UTF
[Sorghum vulgare Pers.] - HDH, W&W
Sorghum halepense (L.) Pers. - Dorn01, RBS, FNA, GPF, HDH, IMF, KTZ, SFE, W&W, E

Spartina gracilis Trin. - Dorn01, FNA, RBS, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Spartina pectinata Link - Dorn01, FNA, RBS, GPF, HDH, IMF, SFE, UTF, W&W, E
[Spartina pectinata Bosc ex Link] - KTZ

Sphenopholis obtusata (Michx.) Scribn. var. major (Torr.) K. S. Erdm. - Dorn01, GPF, IMF, E/W
[Sphenopholis intermedia (Rydb.) Rydb.] - FNA, HDH, KTZ
[Sphenopholis obtusata (Michx.) Scribn.] - SF!, UTF, W&W
Sphenopholis obtusata (Michx.) Scribn. var. obtusata - Dorn01, GPF, IMF, E/W
[Sphenopholis obtusata (Michx.) Scribn.] - HDH, KTZ, SF!, UTF, W&W

Sporobolus

(Identification sources: _____)

Sporobolus airoides (Torr.) Torr. - Dorn01, FNA, RBS, GPF, HDH, KTZ, SF!, W&W
[Sporobolus airoides (Torr.) Torr. var. airoides] - IMF, UTF, E/W
Sporobolus compositus (Poir.) Merr. var. compositus - FNA, KTZ, E
[Sporobolus asper (Michx.) Kunth] - HDH, IMF, SFE, UTF, W&W
[Sporobolus asper (Michx.) Kunth var. asper] - GPF
[Sporobolus compositus (Poir.) Merr.] - Dorn01, RBS

Sporobolus contractus Hitchc. - FNA, RBS, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Sporobolus cryptandrus (Torr.) A.Gray - Dorn01, RBS, FNA, GPF, HDH, KTZ, SF!,UTF,W&W, E/W
Sporobolus flexuosus (Thurb. ex Vasey) Rydb. - FNA, RBS, KTZ, W&W, W
[Sporobolus flexuosus (Thurb.) Rydb.] - GPF, IMF, SFW, UTF, W&W[1]
Sporobolus giganteus Nash - FNA, RBS, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Sporobolus heterolepis (A. Gray) A. Gray - Dorn01, RBS, FNA, GPF, HDH, KTZ, SFE, W&W, E
Sporobolus nealleyi Vasey - FNA, RBS, HDH rep. misid., KTZ, SFE, W&W, misid., W&W[1], E
Sporobolus neglectus Nash - FNA, RBS, GPF, HDH, KTZ, SFE, W&W, E
Sporobolus pyramidatus (Lam.) Hitchc. - FNA, RBS, GPF, HDH, W&W (mislabeled)
[Sporobolus coromandelianus (Retz.) Kunth] - KTZ
[Sporobolus pulvinatus Swallen] - IMF, UTF
Sporobolus texanus Vasey - RBS, GPF, HDH, KTZ, SFE, UTF, W&W, E
Sporobolus wrightii Munro ex Scribn. - FNA

Stipa (see also **Achnatherum, Nasella, Oryzopsis, Pappostipa, Piptatherum, Ptilagrostis**)
[NS - The generic boundaries used in FNA largely are supported by several molecular data sets, e g. Romaschenko08 and Barkworth08 Some aspects of the phylogeny of Stipeae are unresolved. Stipa s s. is restricted to Eurasia. Achnatherum, Jarava and Oryzopsis {as circumsribed traditionally and here for now} are polyphyletic. Cialdella07 also summarize recent insights for Piptochaetium and portions of Stipeae. It now seems more appropriate to follow the treatment in FNA, understanding that more transfers will be forthcoming.]

X Stiporyzopsis (see **Achnatherum**)

Thinopyrum (see **Elymus**)

Torreyochloa pallida (Torr.) G. L. Church var. pauciflora (J. Presl) J. I. Davis - RBS, Dorn01, KTZ, E/W
[Glyceria pauciflora J. Presl] - HDH
[Puccinellia pauciflora (J Presl) Munz] - IMF, UTF
[Torreyochloa pallida (Torr) Church var. fernaldii (Hitchc) Dore ex Koyama & Kawano] - Dorn01
[Torreyochloa pauciflora (J. Presl) G. L. Church] - SF!, W&W

Trichachne (see **Digitaria**)

Tridens (see also **Erioneuron**)
{Tridens albescens (Vasey) Wooton & Standl.} - FNA, GPF, HDH, KTZ, W&W, label: "Colorado"; needs confirmation
{NS - FNA indicates adjacent county in KS}
{Tridens muticus (Torr.) Nash var. muticus} - HDH, misid., IMF, KTZ <AZ, NM, OK, UT>, UTF, W&W
Tridens muticus (Torr.) Nash var. elongatus (Buckley) Shinners - GPF,KTZ, SFE,W&W, E
[Tridens elongatus (Buckley) Nash] - HDH
[Tridens muticus (Torr.) Nash] FNA, RBS
{Tridens strictus (Nutt.) Nash} - FNA
{NS - present in adjacent county in OK fide FNA; probably in CO or NM}

Triplasis purpurea (Walter) Chapman - FNA, RBS, GPF, HDH, KTZ, SFE, W&W, E

Trisetum

(Identification sources: _____)

Trisetum canescens Buckley - RBS, Dorn01, FNA, KTZ
[Trisetum cernuum Trin.] - KTZ
[Trisetum cernuum spp canescens (Buckl.) Calder & Taylor] - KTZ
[Trisetum cernuum var. canescens (Buckl.) Beal] - KTZ
[Trisetum cernuum var projectum (Louis-Marie) Beetle] - KTZ
[Trisetum spicatum var projectum (Louis-Marie) J. T. Howell] - KTZ
*Trisetum flavescens (L.) P. Beauv. - RBS, FNA, GPF, HDH
[Avena flavescens L] - KTZ
Trisetum interruptum Buckley - RBS, FNA, GPF, HDH, KTZ, W&W
Trisetum spicatum (L.) K. Richt. - RBS, Dorn01, FNA, GPF, HDH, IMF, KTZ, UTF, E/W
[Trisetum montanum Vasey] - HDH, IMF,SFE, UTF, W&W[1]
[Trisetum montanum Vasey var. shearii Louis-Marie]
[Trisetum spicatum (L.) K. Richt subsp. alaskanum (Nash) Hultén] - SF!, W&W[1]
[Trisetum spicatum (L) K. Richt subsp alaskanum Hultén] - KTZ
[Trisetum spicatum (L) K. Richt subsp congdonii (Scribn & Merrill) Hultén]- SF!,W&W
[Trisetum spicatum (L.) K. Richt subsp. molle (Michx.) Hultén] - W&W, W&W[1], err. rep.

Triticum aestivum L. - RBS, Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Vahlodea (see also **Deschampsia**)
Vahlodea atropurpurea (Wahlenb.) Fr. ex Hartman - RBS, FNA, KTZ
[Deschampsia atropurpurea (Wahlenb.) Scheele var. latifolia (Hook.) Scribn. ex Macoun] - E/W
[Deschampsia atropurpurea (Wahlenb.) Scheele] - HDH
[Vahlodea atropurpurea (Wahlenb.) Fr. subsp. atropurpurea] - W&W[1], err. rep.
[Vahlodea atropurpurea (Wahlenb.) Fr. ex Hartman subsp. latifolia (Hook.) Porsild- W&W[1]
[Vahlodea atropurpurea (Wahlenb.) Fr. subsp. paramushirensis (Kudo) Hultén] -W&W, W&W[1], err. rep.

Vulpia myuros (L.L) C. C. Gmel. - FNA
Vulpia octoflora (Walter) Rydb. - RBS, Dorn01, SF!, W&W, E/W
[Festuca octoflora Walter] - GPF, UTF
[Festuca octoflora Walter var. glauca Fernald] - HDH
[Festuca octoflora Walter var. hirtella Piper] - HDH
[Festuca octoflora Walter var. tenella (Willd.) Fernald] - HDH
[Vulpia octoflora (Walter) Rydb. var. glauca (Nutt.) Fernald] - IMF, KTZ
[Vulpia octoflora (Walter) Rydb. var. hirtella (Piper) Henrard] - IMF, KTZ
[Vulpia octoflora (Walter) Rydb. var. octoflora] - IMF, KTZ

✣ Zea mays L. - HDH, RBS, IMF, UTF
[Zea mays L subsp mays] - KTZ

{Zizania aquatica L. var. angustifloia Hitch.} - HDH, planted, not persisted, W&W, planted, deceased
{Zizania palustris L. var. palustris} - KTZ

Polemoniaceae - PLM

[NS - See Porter98, Porter00, and Grant04, whose taxonomies differ considerably]

Aliciella

(Identification sources: _____)

Aliciella haydenii (A. Gray) J. M. Porter subsp. crandallii (Rydb.) J. M. Porter - W&W[1], W, Porter98, 00
[Gilia haydenii A. Gray] - HDH, IMF, KTZ, SFW, W&W
Aliciella haydenii (A. Gray) J. M. Porter subsp. haydenii - Porter98, 00, W
[Aliciella haydenii (A. Gray) J. M. Porter] - W&W[1]
[Gilia haydenii A. Gray] - HDH, IMF, KTZ, SFW, UTF, W&W
[Gilia montezumiae Tidestr. & Dayton] - HDH
Aliciella leptomeria (A. Gray) J. M. Porter - Dorn01, W&W[1], Porter98, 00
[Gilia leptomeria A. Gray] - HDH, KTZ, W&W
[Gilia leptomeria A. Gray var. leptomeria] - IMF, UTF
Aliciella mcvickerae (M. E. Jones) J. M. Porter - Dorn01
Aliciella micromeria (A. Gray) J. M. Porter - W&W[1]; Porter98, 00, W
[Gilia leptomeria A. Gray var. micromeria (A. Gray) Cronqist] - IMF, UTF
[Gilia micromeria A. Gray] - KTZ, SFW, W&W
♦ Aliciella penstemonoides (M. E. Jones) J. M. Porter - **ENDEMIC** **<CO>**, W&W[1]; Porter98, Porter00, W
[Gilia penstemonoides M. E. Jones] - KTZ, SFW, W&W
[Gilia sedifolia Brandegee] - W&W
Aliciella pinnatifida (A. Gray) J. M. Porter - Dorn01, Porter00, E/W
[Aliciella pinnatifida (Nutt. ex A. Gray) J. M. Porter] - W&W[1]; Porter98
[Gilia calcarea M. E. Jones] - HDH
[Gilia pinnatifica Nutt.] - SF!, UTF, W&W
[Gilia pinnatifida Nutt. ex A. Gray] - GPF, IMF, KTZ
♦ Aliciella sedifolia (Brandegee) J. M. Porter - **ENDEMIC** **<CO>**, W&W[1]; Porter98, 00, W
[Gilia sedifolia Brandegee] - KTZ, SFW
Aliciella stenothyrsa (A. Gray) J. M. Porter - W&W[1]; Porter98, 00, W
[Gilia stenothyrsa A. Gray] - IMF, KTZ, UTF, W&W
[Gilia stenothyrsa M. E. Jones] - SFW
Aliciella subacaulis (Rydb.) J. M. Porter & L. A. Johnson - Porter00
[Aliciella leptomeria (A. Gray) J. M. Porter] - W&W[1]
[Gilia inconspicua (Sm) Dougl.] - W&W
[Gilia leptomeria A Gray var. leptomeria] - IMF
[Gilia subacaulis Rydb.] - KTZ, UTF
Aliciella subnuda (A. Gray) J. M. Porter - Porter00, Smith09?
[Aliciella subnuda (Torr. ex A. Gray) J. M. Porter] - W&W[1]; Porter98 <AZ, NM, UT>
[Gilia subnuda Torr.] - W&W
[Gilia subnuda Torr. ex A. Gray] - IMF, KTZ, UTF
Aliciella triodon (Eastw.) Brand - W&W[1]; Porter98, 00, W
[Gilia leptomeria A Gray var. leptomeria] - IMF, UTF
[Gilia triodon Eastw] - KTZ, SFW, W&W

Collomia grandiflora Douglas ex Lindl. -HDH, IMF, KTZ, UTF, W&W, Porter00, W
[Collomia grandiflora Douglas] - SFW
Collomia linearis Nutt. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, Porter00, E/W

Eriastrum wilcoxii (A. Nels.) Nason - Dorn01, KTZ
[Eriastrum sparsiflorum var. wilcoxii (A. Nels.) Cronq.] - KTZ
Eriastrum diffusum (A. Gray) H. Mason - IMF, KTZ, SFW, UTF, W&W, Porter00, W

Gilia

(Identification sources: _____)

Gilia (see also **Aliciella, Ipomopsis, Giliastrum, Lathrocasis, Navarretia**)
Gilia clokeyi H. Mason - KTZ, W&W, Porter00, W
[Gilia clokeyi Rydb.] - SFW
[Gilia inconspicua (Sm.) Sweet var. inconspicua] - IMF, UTF
Gilia inconspicua (Sm.) Sweet - KTZ, Porter00
[Gilia inconspicua (Sm.) Dougl.] - W&W
[Gilia inconspicua (Sm.) Sweet var. inconspicua] - IMF, UTF
Gilia ophthalmoides Brand - Dorn01, KTZ, SF!, W&W, Porter00, E/W
[Gilia inconspicua (Sm) Sweet var inconspicua] - IMF, UTF
Gilia sinuata Douglas ex Benth. - HDH, KTZ, W&W, Porter00, W
[Gilia inconspicua (Sm) Sweet var. sinuata (Dougl.) A. Gray] - IMF, UTF
[Gilia sinuata Douglas] - SFW
Gilia tweedyi Rydb. - Dorn01, KTZ, SFW, W&W, Porter00, W
[Gilia inconspicua (Sm.) Sweet var. tweedyi (Rydb.) Cronq.] - IMF

Giliastrum acerosum (A. Gray) Rydb. - Porter00, E
[Gilia acerosa (A. Gray) Britton] - HDH
[Gilia rigidula Benth] - GPF
[Gilia rigidula Benth. subsp acerosa (A Gray) Wherry] - KTZ
[Giliastrum rigidulum (Benth.) Rydb. subsp. acerosum (A. Gray) W. A. Weber] - SFE, W&W

Gymnosteris parvula (Rydb.) A. Heller - Dorn01, HDH, SWF, UTF; Porter00, E/W
[Gymnosteris parvula A Heller] - Dorn01, IMF, KTZ,SFE, W&W

Ipomopsis

(Identification sources: _____)

Ipomopsis aggregata (Pursh) V. E. Grant subsp. aggregata - KTZ, SFW, W&W, Porter00, W
[Gilia aggregata (Pursh) Spreng. subsp. aggregata] - HDH
[Gilia aggregata (Pursh) Spreng. var. aggregata] - IMF, UTF
[Ipomopsis aggregata (Pursh) V. E. Grant var. aggregata] - Dorn01
Ipomopsis aggregata (Pursh) V. E. Grant subsp. attenuata (A. Gray) V. E. Grant & A. D. Grant - KTZ, SF!, W&W, Porter00, E/W
[Gilia aggregata (Pursh) Spreng var. attenuata A Gray] - IMF
[Gilia attenuata (A Gray) A Nels] - HDH
[Ipomopsis aggregata (Pursh) V. E. Grant var attenuata (A Gray) Dorn] - Dorn01
Ipomopsis aggregata (Pursh) V. E. Grant subsp. candida (Rydb.) V. E. Grant & A. D. Grant - KTZ, SFE, W&W, Porter00, E
[Gilia aggregata (Pursh) Spreng. var. candida (Rydb.) Cronq.] - IMF
[Gilia candida Rydb. subsp. candida] - HDH
[Gilia candida Rydb. subsp. vera Wherry] - HDH
Ipomopsis aggregata (Pursh) V. E. Grant subsp. collina (Greene) Wilken & Allard - KTZ, SFE, W&W, Porter00, E
[Gilia aggregata (Pursh) Spreng., intermediate between var. candida (Rydb.) Cronq. and var. maculata M. E. Jones] - IMF

[Gilia candida Rydb. subsp. collina (Greene) Wherry] - HDH

Ipomopsis aggregata (Pursh) V. E. Grant subsp. formosissima (Greene) Wherry - KTZ, SFW, W&W, Porter00, W

[WJ - taxon is same as subsp. aggregata with stamens slightly exserted]
[Gilia aggregata (Pursh) Spreng subsp formosissima (Greene) Wherry] - HDH
[Gilia aggregata (Pursh) Spreng var. maculata M. E. Jones] - IMF
[Gilia texana (Greene) Wooton & Standl.] - HDH
[Ipomopsis aggregata (Pursh) V. E. Grant var. maculata (M. E. Jones) S Welsh] - UT3

Ipomopsis aggregata (Pursh) V. E. Grant var. tenuituba (Rydb.) Dorn - Dorn01

Ipomopsis aggregata (Pursh) V. E. Grant subsp. weberi V. E. Grant & Wilken - KTZ, SF!, W&W, Porter00, E/W

[WJ - not separable from subsp. attenuata]
[Ipomopsis aggregata (Pursh) V. E. Grant var weberi (V. E. Grant & Wilken) Dorn] - Dorn01

{Ipomopsis arizonica (Greene) Wherry} - KTZ <AZ, UT>, W&W, err. rep., Porter00

{Gilia aggregata (Pursh) Spreng. var. arizonica (Greene) Fosberg} - IMF, UTF
{Gilia arizonica (Greene) Rydb.} - HDH, exp.
{Ipomopsis aggregata (Pursh) V. E. Grant subsp. arizonica (Greene) V. E. Grant & A. E. Grant} - W&W[1], err. rep.

Ipomopsis congesta (Hook.) V. E. Grant subsp. congesta - GPF, KTZ, W&W, Porter00, E/W

[Gilia congesta Hook. var. congesta] - HDH, IMF, UTF
[Ipomopsis congesta (Hook.) V. E. Grant var. congesta] - Dorn01, SF!

Ipomopsis congesta (Hook.) V. E. Grant subsp. frutescens (Rydb.) A. G. Day - KTZ, SF!, W&W, Porter00, E/W

[Gilia congesta Hook. var. burleyana (A. Nelson) Constance & Rollins] - HDH
[Gilia congesta Hook. var. frutescens (Rydb.) Cronq.] - IMF, UTF
[Ipomopsis congesta (Hook.) V. E. Grant var. frutescens (Rydb.) S. Welsh] - UT3

Ipomopsis crebrifolia (Nutt.) Dorn - Dorn01

[Gilia congesta Hook. var. crebrifolia (Nutt.) A. Gray] - IMF, UTF
[Ipomopsis congesta (Hook.) V. E. Grant subsp crebrifolia (Nutt.) A. G. Day] - KTZ, W&W, Porter00
[Ipomopsis congesta (Hook.) V. E. Grant subsp. crebifolia (Rydb.) A. G. Day] - W&W[1]
[Ipomopsis congesta (Hook.) V. E. Grant var crebrifolia (Nutt.) S. Welsh] - UT3

Ipomopsis gunnisonii (Torr. & A. Gray) V. E. Grant - KTZ, SFW, W&W, Porter00, W

[Gilia gunnisonii Torr. & A. Gray] - HDH, IMF, UTF

Ipomopsis laxiflora (J. M. Coult.) V. E. Grant - GPF, KTZ, SFE, W&W, Porter00, E

[Gilia laxifolia (J. M. Coult.) Osterh.] - HDH

Ipomopsis longiflora (Torr.) V. E. Grant subsp. longiflora - KTZ, Porter00, E/W

[Gilia longiflora (Torr.) G. Don] - HDH, IMF, UTF
[Ipomopsis longiflora (Torr.) V. E. Grant] - Dorn01, SF!, W&W[1]

Ipomopsis multiflora (Nutt.) V. E. Grant - KTZ, SFE, W&W, Porter00, E

Ipomopsis polyantha (Rydb.) V. E. Grant - KTZ, SFW, W&W, Porter00, W

[Gilia polyantha Rydb.] - HDH, IMF, UTF
[Gilia polyantha Rydb. var. polyantha] - IMF

Ipomopsis polycladon (Torr.) V. E. Grant - Dorn01, KTZ, SFW, Porter00, W

[Gilia polycladon Torr.] - HDH
[Ipomopsis polycladon Torr.] - W&W

Ipomopsis pumila (Nutt.) V. E. Grant - Dorn01, GPF, KTZ, SF!, W&W, Porter00, E/W

[Gilia pumila Nutt.] - HDH, IMF, UTF

Ipomopsis roseata (Rydb.) V. E. Grant - KTZ, SFW, W&W, Porter00, W

[Gilia roseata Rydb.] - HDH, IMF, UTF

◆ Ipomopsis spicata (Nutt.) V. E. Grant subsp. capitata (A. Gray) V. E. Grant - **ENDEMIC <CO>**, KTZ, Porter00, E/W

[Gilia spicata Nutt. var. capitata A Gray] - HDH, IMF
[Ipomopsis globularis (Brand) W A. Weber] - KTZ, SF!, WJ, W&W

Ipomopsis spicata (Nutt.) V. E. Grant subsp. spicata - Dorn01, KTZ, PL, Porter00, E/W
[Gilia spicata Nutt. var. spicata] - HDH, IMF, UTF
[Ipomopsis spicata (Nutt.) V. E. Grant] - GPF, SF!, W&W
[Ipomopsis spicata (Nutt.) V. E. Grant var. spicata] - RMC
Ipomopsis tenuituba (Rydb.) V. E. Grant subsp. tenuituba - KTZ, Porter00, W
[Gilia tenuituba Rydb.] - HDH
[Ipomopsis tenuituba (Rydb.) V. E. Grant] - SFW, W&W
[Ipomopsis tenuituba (Rydb.) V. E. Grant var. tenuituba] - RMC

Lathrocasis tenerrima (A. Gray) L. A. Johnson - Dorn01
[Gilia tenerrima A. Gray] - KTZ

Leptodactylon (see **Linanthus**)

{Leptosiphon floribundus (A. Gray) J. M. Porter & L. A. Johnson subsp. floribundus} - Porter00
{Linanthus floribundus (A. Gray) Greene ex Milliken subsp. floribundus} - KTZ <AZ, NM>
{Linanthastrum floribundum (A Gray) Wherry} - HDH, W&W, misapp.
{Linanthastrum nuttallii (A. Gray) Ewan subsp. floribundum (A. Gray) Ewan} - IMF
Leptosiphon nuttallii (A. Gray) J. M. Porter & L. A. Johnson subsp. nuttallii - Porter00, E/W
[Leptosiphon nuttallii (A. Gray) J. M. Porter & L. A. Johnson]
[Linanthus nuttallii (A. Gray) Greene ex Milliken subsp. nuttallii] - KTZ
[Linanthastrum nuttallii (A. Gray) Ewan] - HDH, SF!, UTF, W&W
[Linanthastrum nuttallii (A. Gray) Ewan var. nuttallii] - IMF
Leptosiphon septentrionalis (H. Mason) J. M. Porter & L. A. Johnson - Dorn01, Porter00, E/W
[Linanthus harknessii (Curran) Greene var. septentrionalis (H. Mason) Jeps & V. L. Bailey] - HDH, SFE, W&W
[Linanthus harknessii (Curran) Greene var. septentrionalis (Jepson) V. L. Bailey] - SFW
[Linanthus septentrionalis H Mason] - GPF, IMF, KTZ, UTF

Linanthastrum (see **Leptosiphon**)

Linanthus (see also **Leptosiphon**)
Linanthus cespitosus (Nutt.) J. M. Porter & L. A. Johnson - Dorn01, Porter00, E/W
[Leptodactylon caespitosum Nutt.] - GPF, HDH, IMF, KTZ, SF!, UTF, W&W
Linanthus pungens (Torr.) J. M. Porter & L. A. Johnson - Dorn01, Porter00, E/W
[Leptodactylon pungens (Torr.) Nutt.] - GPF, SF!, UTF
[Leptodactylon pungens (Torr.) Rydb.] - W&W
[Leptodactylon pungens (Torr.) Torr. ex Nutt.] - KTZ
[Leptodactylon pungens (Torr) Rydb. subsp brevifolium (Rydb) Wherry] - HDH
[Leptodactylon pungens (Torr.) Rydb. subsp. pungens] - HDH
[Leptodactylon pungens (Torr) Nutt. var. pungens] - IMF
Linanthus watsonii (A. Gray) Wherry - Dorn01, Porter00, W
[Leptodactylon watsonii (A. Gray) Rydb.] - HDH, IMF, KTZ, SFW, UTF, W&W

Microsteris gracilis (Hook.) Greene var. gracilis - Dorn01
[Gilia gracilis Hook.] - KTZ
[Phlox gracilis (Hook.) Greene subsp. gracilis] - KTZ
Microsteris gracilis (Dougl. ex Hook.) Greene subsp. humilior (Greene) H. Mason -Porter00, E/W
[Microsteris gracilis (Hook.) Greene] - SF!, GPF
[Microsteris gracilis (Hook.) Greene var. humilior (Hook.) Cronquist] - Dorn01, IMF, UTF

[Microsteris gracilis (Dougl. ex Hook.) Greene subsp. humilis (Greene) V. Grant] - W&W
[Microsteris gracilis (Hook.) Greene var. humilis (Hook.) Cronquist] - KTZ
[Microsteris humilis (Douglas) Greene] - HDH
[Phlox gracilis (Hook.) Greene subsp. humilis (Greene) H. Mason] - KTZ

Navarretia breweri (A. Gray) Greene - Dorn01, HDH, IMF, KTZ, SFW, W&W, Porter00, W
Navarretia intertexta (Benth.) Hook. subsp. propinqua (Suksd.) A. G. Day - KTZ, Porter00, E/W
[Navarretia intertexta (Benth.) Hook.] - UTF
[Navarretia leucocephala Benth. subsp. minima (Nutt.) A. G. Day] - KTZ
[Navarretia intertexta (Benth.) Hook. var. propinqua (Suksd.) Brand] - Dorn01, GPF, IMF
[Navarretia minima Nutt.] - GPF, HDH, SF!, W&W
Navarettia saximontana Stanley C. Spencer - Spencer03
[NS - L. Johnson {BRY, pers. comm 2007} indicates that genetically this is likely 3 distinct taxa]
Navarretia sinistra (M. E. Jones) L. A. Johnson subsp. sinistra - Porter00, E/W
[Gilia capillaris Kellogg] - IMF
[Gilia sinistra M. E. Jones] - SF!, W&W
[Gilia sinistra M. E. Jones subsp. sinistra] - KTZ

Phlox (see also **Microsteris**)

(Identification sources: _____)

Phlox alyssifolia Greene - Dorn01
[Phlox alyssifolia Greene subsp alyssifolia] - KTZ
[Phlox alyssifolia subsp vera Wherry] - KTZ
Phlox andicola E. E. Nelson subsp. andicola - KTZ, Porter00, E
[Phlox andicola E E Nelson] - Dorn01
[Phlox andicola Nutt.] - SFE
[Phlox andicola Nutt. ex A. Gray] - GPF
[Phlox andicola (Nutt. ex Torr. & A. Gray) E. E. Nelson] - W&W
[Phlox andicola (Britton) E. E. Nelson subsp. andicola] - HDH
[Phlox andicola (Britton) E. E. Nelson subsp. planitiarum (A. Nelson) Wherry] - HDH
Phlox austromontana Coville subsp. austromontana - KTZ, Porter00, E/W
[Phlox austromontana Coville] - IMF, SF!, W&W
[Phlox austromontana Coville subsp. vera Wherry] - HDH
[Phlox austromontana Coville var. austromontana] - UTF
Phlox austromontana Coville subsp. densa (Brand) Wherry - KTZ, Porter00
[Phlox austromontana Coville] - IMF, W&W
[Phlox austromontana Coville var. austromontana] - UTF
{Phlox cespitosa Nutt.} - Porter00
{Phlox caespitosa Nutt.} - IMF, KTZ, W&W, misapp.
{Phlox caespitosa Nutt. subsp. caespitosa} - HDH
Phlox caryophylla Wherry - HDH, KTZ, SFW, W&W, Porter00, W
Phlox condensata (A. Gray) E. E. Nelson - IMF, KTZ, SF!, W&W, Porter00, E/W
[WJ - P. pulvinata is a subalpine ecotype of P. condensata]
[Phlox caespitosa Nutt. subsp condensata (A. Gray) Wherry] - HDH
{Phlox diffusa Benth. subsp. diffusa} - HDH, W&W, misid., Porter00
{Phlox diffusa Benth.} - W&W[1]
{Phlox diffusa Benth. subsp. diffusa} - KTZ
{Phlox diffusa Benth. var. diffusa} - IMF
{Phlox diffusa Benth. subsp. longistylis Wherry} - KTZ
{Phlox diffusa Benth. var. longistylis (Wherry) M. E. Peck} - IMF
{Phlox diffusa Benth. subsp. subcarinata Wherry} - KTZ, Porter00

{WJ - not in Colorado, a taxon from the northwest}
{Phlox austromontana Coville} - IMF

Phlox hoodii Richardson - Dorn01, GPF, W&W, E/W
[Phlox hoodii Richardson subsp. canescens (Torr. & A. Gray) Wherry] - HDH, KTZ, SF!, Porter00
[Phlox hoodii Richardson subsp. glabrata (E. E Nelson) Wherry] - HDH, KTZ, Porter00
[Phlox hoodii Richardson subsp. hoodii] - HDH, KTZ, Porter00
[Phlox hoodii Richardson var. hoodii] - IMF
[Phlox hoodii Richardson var. canescens (Torr. & A. Gray) M. E Peck] - IMF, UTF

Phlox kelseyi Britton - Dorn01, IMF, E
{WJ - W&W have identificed specimens of this taxon as P. pulvinata}
{Phlox kelseyi Britton subsp. kelseyi} - KTZ <WY> Porter00
{Phlox kelseyi Britton subsp. salina (M. E. Jones) Wherry} - KTZ, SFE, W&W misid.

Phlox longifolia Nutt. subsp. longifolia - HDH, KTZ, Porter00, E/W
[Phlox longifolia Nutt.] - Dorn01, SF!, UTF, W&W
[Phlox longifolia Nutt. subsp. calva Wherry] - HDH
[Phlox longifolia Nutt subsp. cortezana (A Nelson) Wherry] - HDH
[Phlox longifolia Nutt subsp. humilis (Douglas) Wherry] - HDH
[Phlox longifolia Nutt. var longifolia] - IMF

Phlox multiflora A. Nelson - Dorn01, IMF, SF!, UTF, W&W, E/W
[Phlox multiflora A Nelson subsp costata (Rydb.) Wherry] - HDH
[Phlox multiflora A Nelson subsp. depressa (E. E. Nelson) Wherry] - HDH, KTZ, Porter00
[Phlox multiflora A. Nelson subsp. multiflora] - HDH, KTZ, Porter00
[Phlox multiflora A. Nelson subsp. patula (A. Nelson) Wherry] - KTZ, Porter00
[Phlox patula A. Nelson] - HDH

Phlox muscoides Nutt. - Dorn01, IMF, SF!, UTF, W&W[1], Porter00, E/W
[Phlox bryoides Nutt] - GPF, HDH, W&W
[Phlox hoodii Richardson subsp. muscoides (Nutt.) Wherry] - HDH, KTZ

Phlox nana Nutt. - KTZ

Phlox opalensis Dorn - Dorn01, KTZ

Phlox pulvinata (Wherry) Cronquist - Dorn01, IMF, KTZ, UTF, Porter00, E/W
[WJ - P. pulvinata is a subalpine ecotype of P. condensata]
[Phlox caespitosa Nutt. subsp. pulvinata Wherry] - HDH
[Phlox sibirica L. subsp. pulvinata (Wherry) W. A. Weber] - SF!, W&W

{Phlox stansburyi (Torr.) A. Heller subsp. stansburyi} - HDH, KTZ<AZ,NM,UT>, Porter00
{Phlox longifolia Nutt.} - UTF
{Phlox longifolia Nutt. var stansburyi (Torr.) A. Gray} - IMF
{Phlox stansburyi (Torr.) A Heller} - W&W, misapp

Phlox "sp. nov." - B. Legler, pers. comm. 2008
[NS - evidently local endemic from northern NM]

Phlox variabilis Brand subsp. variabilis - KTZ, Porter00
[WJ - likely synonymous with P. condensata or P. pulvinata. If P. pulvinata, then P. variabilis has priority]
[Phlox sibirica L. subsp. pulvinata (Wherry) W. A. Weber] - W&W
[Phlox variabilis Brand] - HDH

Phlox viridis E. E. Nelson subsp. longipes (M. E. Jones) Wherry - KTZ, WJ, Porter00
[Phlox longifolia Nutt] - W&W
[Phlox longifolia Nutt subsp. longipes (M. E. Jones) Wherry] - HDH
[Phlox longifolia Nutt. var. longifolia] - IMF

Polemonium brandegei (A. Gray) Greene - Dorn01, IMF, KTZ, SFE, W&W, Porter00, E/W
[Polemonium brandegei Greene] - GPF, SFW
[Polemonium viscosum Nutt.] - HDH

♦ Polemonium confertum A. Gray - **ENDEMIC** **<CO>**, IMF, KTZ, SF!, W&W, Porter00, E/W
[Polemonium viscosum Nutt.] - HDH

Polemonium foliosissimum A. Gray - HDH, SF!, W&W, Porter00, E/W
[Polemonium foliosissimum (A. Gray) A. Gray] - W&W[1]
[Polemonium foliosissimum A. Gray var. foliosissimum] - IMF, KTZ, UTF
[Polemonium foliosissimum A. Gray var. molle (Greene) Anway] - KTZ
Polemonium occidentale Greene subsp. occidentale - HDH, KTZ, Porter00, E/W
[Polemonium caeruleum L. subsp. amygdalinum (Wherry) Munz] - SF!, W&W
[Polemonium caeruleum L. var. pterosperma Benth.] - UTF
[Polemonium occidentale Greene] - Dorn01, IMF
Polemonium pulcherrimum Hook. subsp. delicatum (Rydb.) Brand - KTZ, SF!, W&W, Porter00, E/W
[Polemonium delicatum Rydb.] - HDH
[Polemonium pulcherrimum Hook. var. delicatum (Rydb.) Cronquist] - IMF, UTF
[Polemonium pulcherrimum Hook.] - Dorn01
Polemonium viscosum Nutt. - Dorn01, HDH, IMF, KTZ, SF!, UTF, W&W, Porter00, E/W

Polygalaceae - PGL

(Identification sources: _____)

{Polygala acanthoclada A. Gray} - HDH rep., KTZ <AZ, UT>, W&W, misapp.
{Polygala acanthoclada A. Gray var. acanthoclada} - IMF, UTF
Polygala alba Nutt. - Dorn01, GPF, HDH, KTZ, SFE, W&W
[Polygala alba Nutt. var. alba] - E
Polygala sanguinea L. - KWA
[Polygala viridescens L.] - M&H, KTZ
Polygala subspinosa S. Watson - HDH, KTZ, SFW, UTF, W&W, W
[Polygala subspinosa S. Watson var. subspinosa] - IMF
{Polygala verticillata L.} - GPF, HDH rep., IMF, UTF, W&W, misapp.
{Polygala verticillata L. var. isocycla Fernald} - KTZ <KS, NE, OK, UT, WY>

Polygonaceae - PLG

(Identification sources: _____)

Acetosella (see **Rumex**)

Bistorta bistortoides (Pursh) Small - FNA, SF!, W&W
[Polygonum bistortoides Pursh] - KTZ, UTF, E/W
[Polygonum bistortoides Pursh var. bistortoides] - HDH
[Polygonum bistortoides Pursh var. linearifolium (S. Watson) Small] - HDH
Bistorta vivipara (L.) S. Gray - SF!, W&W
[Perisicaria viviparum (L.) Ronse Decraene] - FNA
[Polygonum viviparum L.] - GPF, HDH, KTZ, UTF, E/W

Eriogonum (see also **Stenogonum**)

(Identification sources: _____)

Eriogonum acaule Nutt. - FNA, KTZ, SFW, W&W, W
[Eriogonum caespotisum Nutt. subsp. acuale (Nutt.) S. Stokes] - FNA
[Eriogonum caespotisum Nutt. var. acuale (Nutt.) R. J. Davis] - FNA

Eriogonum alatum Torr. var. alatum - FNA, GPF, KTZ, E/W
[Eriogonum alatum Torr.] - UTF
[Eriogonum alatum Torr. subsp. alatum] - HDH
[Eriogonum alatum Torr. subsp. triste (S Watson) S Stokes] - HDH
[Pterogonum alatum (Torr.) H. Gross] - SF!, W&W
Eriogonum annuum Nutt. - FNA, GPF, HDH, KTZ, SFE, W&W, E
Eriogonum arcuatum Greene var. arcuatum - FNA
[Eriogonum arcuatum Greene] - HDH
[Eriogonum bakeri Greene] - FNA
[Eriogonum flavum Nutt.] - W&W[1]
[Eriogonum flavum Nutt. var. tectum (A. Nels.) S. Stokes] - FNA
[Eriogonum jamesii Benth. subsp. bakeri (Greene) S. Stokes] - FNA
[Eriogonum jamesii Benth. var. flavescens S. Watson] - KTZ, UTF, W&W
[Eriogonum jamesii Benth. var. higginsii S. L. Welsh] - FNA
♦Eriogonum arcuatum Greene var. xanthum (Small) Reveal - **ENDEMIC** **<CO>**, FNA
Eriogonum chloranthum Greene] - FNA
[Eriogonum flavum Nutt] - HDH
[Eriogonum flavum Nutt. subsp. chloranthum (Greene) S. Stokes] - SF!, W&W[1]
[Eriogonum jamesii Benth. var. xanthum (Small) Reveal] - KTZ, W&W, E/W
[Eriogonum xanthum Small] - FNA
Eriogonum batemanii M. E. Jones - FNA, HDH, KTZ, SFW, W&W, W
Eriogonum bicolor M. E. Jones - FNA, HDH, KTZ, SFW, UTF, W&W, W
[Eriogonum microthecum Nutt. subsp. bicolor (M. E. Jones) S. Stokes] - FNA
♦ Eriogonum brandegei Rydb. - **ENDEMIC** **<CO>**, KTZ, SFE, W&W, E
[Eriogonum spathulatum A. Gray] - HDH, rep.
Eriogonum brevicaule Nutt. var. brevicaule - FNA, KTZ, UTF, E/W
[Eriogonum brievicaule Nutt.] - GPF, SF!, W&W
[Eriogonum brievicaule Nutt. var. grangerense (M. E. Jones) S Stokes] - FNA
[Eriogonum brievicaule Nutt. wasatchense (M. E. Jones) Reveal] - FNA
[Eriogonum campanulatum Nutt.] - HDH
[Eriogonum grangerense M. E. Jones] - FNA
[Eriogonum wasatchense M. E. Jones] - FNA
{Eriogonum brevicaule Nutt. var. laxifolium (Torr. & A. Gray) Reveal} - KTZ <UT, WY>
{Eriogonum chrysocephalum A. Gray} - HDH rep., W&W, rep.
Eriogonum brevicaule Nutt. var. micranthum (Nutt.) Reveal - FNA
[Eriogonum brevicaule subsp orendense (A. Nels.) S. Stokes] - KTZ
{Eriogonum caespitosum Nutt.} - HDH, doubtful, KTZ<AZ,UT,WY>, UTF, W&W, err. rep.
Eriogonum cernuum Nutt. - FNA, GPF, HDH, SF!, W&W
[Eriogonum cernuum Nutt. var. cernuum] - KTZ, UTF, E/W
[Eriogonum cernuum Nutt. var. psammophilum S. L. Welsh] - FNA
[Eriogonum cernuum Nutt. subsp. tenue (Torr. & A. Gray) S. Stokes] - FNA
[Eriogonum cernuum Nutt. var. tenue Torr. & A. Gray] - FNA
[Eriogonum cernuum Nutt. var. umbraticum Eastwood] - FNA
[Eriogonum cernuum Nutt subsp. viminale S. Stokes] - FNA
[Eriogonum cernuum Nutt. var. viminale (S Stokes] Reveal] - FNA
Eriogonum clavellatum Small - FNA, KTZ, UTF, W&W,W, UT3
[Eriogonum clavellatum Eastw.] - SFW
[Eriogonum pelinophilum Reveal] - SFW, W&W
♦Eriogonum coloradense Small - **ENDEMIC** **<CO>**, HDH, KTZ, SF!, W&W, E/W
[NS - See comments by Reveal in FNA 5: 262 regarding questionable distinctness of this taxon under E. lonchophyllum]
[Eriogonum multiceps Ness var. coloradense (Small) S. Stokes] - FNA
Eriogonum contortum Small - FNA, HDH, KTZ, SFW, W&W, W

[Eriogonum contortum Small ex Rydb.] - UTF
[Eriogonum effusum Nutt. subsp. contortum (Small ex Rydb.) S. Stokes] - FNA
Eriogonum corymbosum Benth. var. corymbosum - KTZ, SFW, UTF, W&W, W
[Eriogonum corymbosum Benth.] - HDH
[Eriogonum corymbosum Benth. var. divaricatum Torr. & A. Gray] - FNA
[Eriogonum corymbosum Benth. var. erectum Reveal & Brotherson] - FNA
[Eriogonum divergens Small] - FNA
[Eriogonum effusum Nutt. subsp. divaricatum (Torr. & A. Gray) S. Stokes] - FNA
[Eriogonum effusum Nutt. subsp. durum S. Stokes] - FNA
[Eriogonum effusum Nutt. subsp. salinum (A. Nels.) S. Stokes] - FNA
[Eriogonum salinum A. Nelson] - HDH, rep
Eriogonum corymbosum Benth. var. orbiculatum (S. Stokes) Reveal & Brotherson - FNA, KTZ, SFW, UTF, W&W, W
[Eriogonum divergens Small] - HDH, exp.
[Eriogonum effusum Nutt. subsp. orbiculatum S. Stokes] - FNA
Eriogonum corymbosum Benth. var. velutinum Reveal - FNA, KTZ, SFW, W
[Eriogonum corymbosum Benth. var. orbiculatum (S. Stokes) Reveal & Brotherson] - UTF
Eriogonum davidsonii Greene -KTZ <AZ, UT>, UTF
{Eriogonum densum Greene} - HDH, exp., W&W
{Eriogonum polycladon Benth} - KTZ <AZ, NM, UT>
Eriogonum divaricatum Hook. - FNA, HDH, KTZ, SFW, UTF, W&W, W
Eriogonum ephedroides Reveal - FNA, KTZ, SFW, W&W, W
[Eriogonum brevicaule Nutt. ex ephedroides (Reveal) S. L. Welsh] - UTF
Eriogonum effusum Nutt. - FNA, HDH, SFE, W&W
[Eriogonum effusum Nutt. var. effusum] - GPF, KTZ
[Eriogonum nudicaule (Torr.) Small] - HDH
[Eriogonum microthecum Nutt. var. effusum (Nutt.) Torr. & A. Gray] - E
♦ Eriogonum exilifolium Reveal - **ENDEMIC** **<CO,WY>**, FNA, KTZ, SF!, W&W, E/W
Eriogonum flavum Nutt. var. flavum - FNA, KTZ, E/W
[Eriogonum flavum Nutt.] - GPF, HDH, SFE
[Eriogonum flavum Nutt. subsp. flavum] - SFW
[Eriogonum flavum Nutt. ex Benth. subsp. flavum] - W&W[1]
Eriogonum fusiforme Small - FNA, HDH, KTZ
[Eriogonum inflatum Torr. & Frémont var. fusiforme (Small) Reveal] - UTF, W&W
Eriogonum gordonii Benth. - GPF, HDH, KTZ, SFW, UTF, W&W, W
Eriogonum heracleoides Nutt. var. heracleoides - FNA, KTZ, W
[Eriogonum heracleoides Nutt.] - HDH, SFW, UTF, W&W
Eriogonum hookeri S. Watson - FNA, HDH, KTZ, SFW, UTF, W&W, W
[Eriogonum deflexum Torr. var. gilvum S. Stokes] - FNA
[Eriogonum deflexum Torr. subsp. hookeri (S. Wats.) S. Stokes] - FNA
Eriogonum inflatum Torr. & Frémont - FNA
[Eriogonum fusiforme Small] - HDH, KTZ
[Eriogonum glaucum Small] - FNA
[Eriogonum inflatum Torr. & Frémont var. deflatum I. M. Johnston] - FNA
[Eriogonum inflatum Torr. & Frémont var. fusiforme (Small) Reveal] - UTF, W&W
[Eriogonum trichopes Torr. subsp. glaucum (Small) S. Stokes] - FNA
[Eriogonum inflatum Torr. & Frémont var. inflatum - KTZ,UTF, W&W, W
[Eriogonum inflatum Torr. & Frémont] - HDH, SFW
Eriogonum jamesii Benth. var. jamesii - FNA, KTZ, W&W, E/W
[Eriogonum jamesii Benth.] - GPF, HDH, SF!, W&W[1]
Eriogonum lachnogynum Torr. ex Benth. var. colobum Reveall & A. Clifford
Eriogonum lachnogynum Torr. ex Benth. var. lachnogynum - FNA
[Eriogonum lachnogynum Torr. ex Benth.] - HDH, KTZ, W&W, E

[Eriogonum lachnogynum Torr.] - GPF, SFE
[Eriogonum tetraneuris Small] - HDH, rep.
{Eriogonum leptocladon Torr. & A. Gray var. leptocladon} - SFW, UTF, W&W, W
{Eriogonum leptocladon Torr. & A. Gray} - HDH, exp
Eriogonum leptocladon Torr. & A. Gray var. ramosissimum (Eastw.) Reveal - FNA, KTZ, SFW, UTF, W&W, W
[Eriogonum effusum Nutt. subsp. pallidum (Small) S. Stokes] - FNA
[Eriogonum leptocladon Torr. & A. Gray] - HDH, exp.
[Eriogonum ramosissimum Eastw.] - FNA
Eriogonum leptophyllum (Torr. & A. Gray) Wooton & Standl. - FNA, KTZ, W
[Eriogonum effusum Nutt. var. leptophyllum Torr.] - FNA
[Eriogonum leptophyllum (Torr.) Wooton & Standl.] - HDH, SFW, UTF, W&W
Eriogonum lonchophyllum Torr. & A. Gray
[Eriogonum ainsliei Standl.] - HDH, exp.
[Eriogonum effusum Nutt. subsp. fendlerianum S. Stokes] - GPF
[Eriogonum fendlerianum (Benth.) Small] - GPF <CO>, HDH, SFE, W&W
[Eriogonum fenderlianum (Benth.) Small var. fendlerianum (Benth.) Reveal] - KTZ, E
[Eriogonum lonchophyllum Torr. & A. Gray] - HDH, SF!, W&W
[Eriogonum lonchophyllum Torr. & A. Gray var. intermontanum (Reveal) Reveal] - FNA
[Eriogonum lonchophyllum Torr. & A. Gray var. lonchophyllum] - KTZ, UTF, E/W
[Eriogonum lonchophyllum Torr. & A. Gray var. nudicaule (Torr.) Reveal] - FNA
[Eriogonum lonchophyllum Torr. & A. Gray var. saurinum (Reveal) S. L. Welsh] - KTZ <UT>, UTF
[Eriogonum salicinum Greene] - HDH
[Eriogonum saurinum Reveal] - W&W
[Eriogonum scoparium Small] - HDH
[Eriogonum tristichum Small] - HDH
{Eriogonum longifolium Nutt. var. lindheimeri Gand.} - GPF <CO>
{Eriogonum longifolium Nutt. var. longifolium} - KTZ <KS, NM, OK>
Eriogonum microthecum Nutt. var. laxiflorum Hook. - FNA, KTZ, SFW, UTF, W&W, W
[Eriogonum microthecum Nutt.] - HDH
[Eriogonum microthecum Nutt. var. foliosum (Torr. & A. Gray) Reveal] - FNA, FCF
Eriogonum microthecum Nutt. var. simpsonii (Benth.) Reveal - FNA, KTZ, SF!, W&W, E/W
[Eriogonum simpsonii Benth.] - HDH
Eriogonum X nebraskense Rydb. - FNA
{Eriogonum ovalifolium Nutt. var. ochroleucum (Small ex Rydb.) M. Peck} - KTZ
{Eriogonum ochroleucum Small} - HDH
{Eriogonum ovalifolium Nutt.} - UTF, W&W
Eriogonum ovalifolium Nutt. var. ovalifolium - FNA, HDH, KTZ, SFW, W
[Eriogonum ovalifolium Nutt.] - W&W
Eriogonum ovalifolium Nutt. var. purpureum (Nutt.) T. Durand - FNA, KTZ, W
[Eriogonum ovalifolium Nutt.] - W&W
[Eriogonum ovalifolium Nutt. var. nevadensis Gand.] - SFW
[Eriogonum ovalifolium Nutt. var. purpureum (Nutt.) A. Nels.] - HDH
Eriogonum palmerianum Reveal - FNA< KTZ, SFW, W&W[1], W
[Eriogonum baileyi var. tomentosum S. Wats. non E. tomentosum Michx.] - KTZ
[Eriogonum plumatella Durand & Hilgard var. palmeri Torr. & A. Gray]- FNA
Eriogonum pauciflorum Pursh var. pauciflorum - FNA
[Eriogonum effusum X E. pauciflorum] - W&W
[Eriogonum nebraskense Rydb.] - HDH
[Eriogonum X nebraskense Rydb.] - KTZ
[Eriogonum pauciflorum Pursh var. gnaphalodes (Benth.) Reveal - GPF, KTZ, SFE, W&W, E
[Eriogonum pauciflorum Pursh var. nebraskense (Rydb.) Reveal] - GPF
Eriogonum pauciflorum Pursh var. pauciflorum - GPF, KTZ <NE, WY>, W&W
[Eriogonum multiceps Nees] - HDH

[Eriogonum pauciflorum Pursh] - HDH

{Eriogonum pharnaceoides Torr.} - HDH, exp., W&W

{Eriogonum pharnaceoides Torr. var. cervinum Reveal} - KTZ <AZ, UT>

{Eriogonum pharnaceoides Torr. var. pharnaceoides} - KTZ <AZ, NM>, UTF

♦Eriogonum pelinophilum Reveal - FNA

[NS - Of grave conservation concern]

Eriogonum racemosum Nutt. - FNA, HDH, KTZ, SF!, W&W

[Eriogonum racemosum Nutt. var. racemosum] - UTF, E/W

Eriogonum rotundifolium Benth. - HDH, KTZ <AZ, NM>, W&W, W&W[1], err. rep.

Eriogonum scabrellum Reveal - FNA, KTZ, SFW, UTF, W&W, W

Eriogonum shockleyi S. Watson - FNA, UTF

[Eriogonum shockleyi S. Watson var. longilobum (S. Stokes) Reveal] - SFW, W&W, W

[Eriogonum shockleyi S. Watson var. shockleyi] - KTZ

Eriogonum subreniforme S. Watson - FFC, HDH, KTZ <AZ, NM, UT>, ,UTF,W&W misid.

[Eriogonum filicaule S. Stokes] - KTZ

Eriogonum tenellum Torr. var. tenellum - FNA, KTZ, E

[Eriogonum tenellum Torr.] - GPF, HDH, SFE, W&W

Eriogonum trichopes Torr. var. trichopes - KTZ <AZ, NM, UT>

[Eriogonum trichopes Torr.] - UTF

Eriogonum tumulosum (Barneby) Reveal - FNA, KTZ, SFW, UTF, W&W, W

[Eriogonum villiflorum A. Gray] - HDH, exp.

[Eriogonum villiflorum A. Gray var. tumulosum Barneby] - FNA

Eriogonum umbellatum Torr. var. aureum (Gand.) Reveal - FNA, KTZ, SF!, W&W, E/W

[Eriogonum umbellatum Torr. var. umbellatum] - UTF

Eriogonum umbellatum Torr. var. desereticum Reveal - FNA

{Eriogonum umbellatum Torr. var. dichrocephalum Gand.} - KTZ <UT, WY>

{Eriogonum umbellatum Torr. var. majus Hook.} - UTF

Eriogonum umbellatum Torr. var. majus Hook. - FNA, KTZ, UTF, E/W

[Eriogonum subalpinum Greene] - HDH, SF!, W&W

Eriogonum umbellatum Torr. var. porteri (Small) Stokes - FNA, SFW, UTF, W&W, E/W

[Eriogonum umbellatum Torr. var. aureum (Gand.) Reveal] - KTZ, SFE

♦Eriogonum umbellatum Torr. var. ramulosum Reveal - FNA

[NS - endemic to Jefferson and Larimer counties, CO]

Eriogonum umbellatum Torr. var. subaridum S. Stokes - FNA, KTZ, SFW, UTF, W

[Eriogonum umbellatum Torr. subsp. subaridum (S. Stokes) Munz] - W&W

Eriogonum umbellatum Torr. var. umbellatum - FNA, KTZ, SF!, UTF, W&W, E/W

[Eriogonum umbellatum Torr.] - HDH

{Eriogonum viridulum Reveal} - KTZ, W&W, W&W[1]

{Eriogonum brevicaule Nutt.} - W&W[1]

{Eriogonum brevicaule Nutt. var. viridulum (Reveal) S. L. Welsh} - UTF

Eriogonum wetherillii Eastw. - FNA, HDH, exp., KTZ, SFW, UTF, W&W, W

[Eriogonum filiforme L. O. Williams] - FNA

[Eriogonum sessile S. Stokes ex M. E. Jones] - FNA

{Eriogonum wrightii Torr. ex Benth.} - HDH rep., W&W

{Eriogonum wrightii Torr.} - UTF

{Eriogonum wrightii Torr. ex Benth. var. wrightii} - KTZ <AZ, NM, UT>

✻Fagopyrum esculentum Moench - GPF, KTZ, W&W

[Fagopyrum esculentum (L.) Moench] - HDH

[Fagopyrum sagittatum Gilibert] - FNA

[Polygonym fagopyrum L.] - FNA

* Fallopia baldschuanica (Regel) Holub - FNA
  [Polygonum baldschuanicum Regel] - FNA
* Fallopia convolvulus (L.) A. Löve - FNA, SF!, W&W
  [Polygonum convolvulus L.] - GPF, HDH, UTF
  [Polygonum convolvulus L. var. convolvulus] - KTZ, E/W
* Fallopia japonica (Houttuyn) Ronse Decraene var. japonica - FNA
  [Polygonum cuspidatum Siebold & Zucc.] - GPF, KTZ, UTF, E/W
  [Reynoutria japonica Houtt.] - SF!, W&W
Fallopia scandens (L.) Holub - FNA, SFE, W&W
  [Polygonum scandans L. var. scandens] - GPF, KTZ, E
  [Polygonum scandens L] - HDH

Koenigia islandica L. - FNA, KTZ, SF!, W&W, E/W

Oxyria digyna (L.) Hill - FNA, HDH, KTZ, SF!, UTF, W&W, E/W

Oxytheca dendroidea Nutt. subsp. dendroidea - FNA
  [Eriogonum dendroideum (Nutt.) S. Stokes] - KTZ
  [Eriogonum dendroideum (Nutt.) var. folisosa M. E. Jones] - KTZ
  [Eriogonum dendroideum (Nutt.) var. hillmannii S. Stokes] - KTZ
  [Oxytheca foliosa Nutt.] - KTZ

Periscaria

(Identification sources: _____)

Persicaria amphibia (L.) A. Gray - FNA
  [NS - additional synonyms in FNA 5: 583]
  [Polygonum amphibium L.] - FNA, UTF
  [Polygonum amphibium L. var. emersum Michx] - GPF, KTZ, E/W
  [Persicaria coccinea (Muhl) Greene] - SF!
  [Persicaria coccinea (Muhl ex Willd) Greene] - W&W!
  [Persicaria coccineum (Muhl. ex Willd) Greene] - W&W
  [Polygonum coccinea Muhl. ex Willd. forma terrestre (Willd.) Stanford] - HDH
Persicaria bicornis (Raf.) Nieuwl. - FNA, SFE, W&W
  [Periscaria longistyla (Small) Small] - FNA
  [Polygonum bicorne Raf.] - GPF, E
  [Polygonum longistylum Small] - FNA
  [Polygonum pensylvanicum L.] - KTZ
* Persicaria hydropiper (L.) Opiz - FNA, SF!, W&W
  [Polygonum hydropiper L.] - GPF, HDH, KTZ, UTF, E/W
* Periscaria hydropiperoides (Michx.) Sm. var. opelousanum (Ridd. ex J. K. Small) Ridd. ex W. Stone - Smith09?
✣ Persicaria lapathifolia (L.) S. Gray - FNA, SF!, W&W
  [Polygonum incanum F. W. Schmidt] - HDH
  [Polygonum incarnatum Elliott] - HDH
  [Polygonum lapathifolium L.] - GPF, KTZ, UTF
  [Polygonum lapathifolium L. var lapathifolium] - HDH, E/W
  [Polygonum lapathifolium L. var. nodosum (Pers) Small] - HDH
  [Polygonum lapathifolium L. var. salicifolium Sibth] - E/W
  [Polygonum scabrum Moench] - FNA
  [Polygonum tomentosum Willd.] - FNA

✻ Periscaria maculosa A. Gray - FNA
[Periscaria fusiformis (Greene) Greene] - FNA
[Periscaria vulgaris Webb & Moquin-Tandon] - FNA
[Polygonum persicaria L.] - GPF, HDH, KTZ, UTF, E/W
Persicaria pensylvanica (L.) M. Gomez - SF!, W&W
[Polygonum longistylum Small var omissum (Greene) Stanford] - HDH
[Polygonum omissum Greene]- FNA
[Polygonum pensylvanicum L.] - GPF, KTZ, E/W
[Polygonum pensylvanicum L. var. laevigatum Fernald] - HDH
[Polygonum persicarioides Kunth] - HDH
✣ Persicaria punctata (Elliott) Small - FNA, SF!, W&W
[NS - additional synonymy in FNA 5. 586] - FNA
[Polygonum punctatum Elliott] - GPF
[Polygonum punctatum Elliott var. confertiflorum (Meisn.) Fassett] - HDH, KTZ, E W
[Polygonum punctatum Elliott var. parviflorum Fassett] - HDH
Persicaria sagittatum (L.) H. Gross - FNA
[Polygonum sagittatum L. - GPF, HDH, KTZ, E
[Truellum sagittatum (L) Soják] - SFE, W&W

Polygonum

(Identification sources: _____)

✣Polygonum achoreum S. F. Blake - FNA, GPF, KTZ, E
[Polygonum erectum L. subsp. achoreum (S. F. Blake) A. Löve & D. Löve] - SFE, W&W
✻ Polygonum arenastrum Jord. ex Boreau - GPF, KTZ, E/W
[Polygonum arenastrum Boreau] - SF!, W&W
[Polygonum aviculare L.] - RMC
✻ Polygonum argyrocoleon Steud. ex Kunze - FNA, KTZ, W&W, E/W
[Polygonum argyrocoleon Steud.] - SF!, UTF
✻ Polygonum aubertii L. Henry - KTZ, E
[Fallopia aubertii (L. Henry) Holub] - SFE, W&W
[Polygonum aubertii (L.) L. Henry] - UTF
✻ Polygonum aviculare L. - GPF, KTZ, UTF
[NS - FNA 5: 556-557 recognized several varieties, in my view of questionable taxonomic value]
[Polygonum arenastrum Boreau] - SF!
[Polygonum aviculare L. var. aviculare] - HDH, W&W
✻ Polygonum bellardii All. - KTZ
[Polygonum aviculare L. var. angustissimum Meisn.] - HDH, W&W
✣ Polygonum buxiforme Small - GPF, KTZ
[Polygonum arenastrum Boreau] - W&W[1]
Polygonum douglasii Greene var. douglasii
[Polygonum austiniae Greene] - KTZ
[Polygonum douglasii Greene var. latifolium (Engelm) Greene] - FNA
[Polygonum douglasii Greene subsp. austiniae (Greene) E Murr] - KTZ
[Polygonum douglasii Greene var. austiniae (Greene) Jones - WY checklist, KTZ
[Polygonum emaciatum A. Nels.] - FNA
[Polygonum montanum (Small) Greene] - FNA
[Polygonum tenue Michx. var. commune Engelm.] - FNA
[Polygonum tenue Michx. var. latifolium Engelm] - FNA
Polygonum douglasii Greene var. microspermum (Engelm.) Dorn - E/W
[Polygonum douglasii Green] - SF!, W&W[1]
[Polygonum douglasii Greene subsp. engelmannii (Greene) Kartesz & Gandhi] - KTZ

[Polygonum engelmannii Greene] - HDH, W&W
Polygonum engelmannii Greene - FNA
[Polygonum douglassii Greene subsp. engelmannii (Greene) Kartresz & Gandhi] - FNA
Polygonum erectum L. - FNA, GPF, HDH, KTZ, W&W, app. uncertain
[Polygonum aviculare var. erectum (L.) Roth ex Meisn.] - KTZ
Polygonum kelloggii Greene var. confertiflorum (Nutt. ex Piper) Dorn - RMC
[Polygonum polygaloides Meisn. subsp. confertiflorum (Nutt. ex Piper) J. C. Hickman] - KTZ
[Polygonum polygaloides Wall. ex Meisn. subsp. confertiflorum (Nutt. ex Piper) J. C. Hickman] - KTZ
[Polygonum watsonii Small] - HDH
Polygonum kelloggii Greene var. kelloggii - E/W
[Polygonum kelloggii Greene] - HDH, UTF
[Polygonum polygaloides Meisn. subsp. kelloggii (Greene) J. C Hickman] - SF!, W&W
[Polygonum polygaloides Wall ex Meisn. subsp. kelloggii (Greene) J. C. Hickman] - KTZ
[Polygonum unifolium Small] - HDH
Polygonum majus (Meisner) Piper - FNA
[Polygonum coarctatum Dougl ex Meisner var majus Meisner] - FNA
[Polygonum douglasii Greene subsp. majus (Meisner) J. C. Hickman] - FNA
Polygonum minimum S. Watson - FNA, HDH, KTZ, SF!, UTF, W&W, E/W
[Polygonum torreyi S. Watson] - FNA
{Polygonum oxyspermum C. A. Mey. & Bunge ex Ledeb.} - KTZ
Polygonum polygaloides Meisn. - FNA, HDH
[NS - 2-3 varieties recognized for our area by FNA]
[Polygonum polygaloides Meisn. subsp. polygaloides] - W&W, err. rep.
[Polygonum polygaloides Wall ex Meisn. subsp. polygaloides] - KTZ
{Polygonum ramosissimum Michx. subsp. prolificum (Small) Costea & Tardif - FNA}
{NS - to be expected given distributions in FNA 5. 552}
Polygonum ramosissimum Michx. subsp. ramosissimum - FNA
[Polygonum ramosissimum Michx. var. ramosissimum] - KTZ, E/W
[Polygonum exsertum Small] - HDH
[Polygonum ramosissimum Michx] - GPF, HDH, SF!, UTF, W&W
Polygonum sawatchense Small subsp. sawatchense - FNA, GPF, HDH
[Polygonum douglasii Greene subsp. johnstonii (Munz) J C. Hickman] - KTZ
[Polygonum douglasii Greene var. johnstonii Munz] - FNA
[Polygonum exile Eastw.] - FNA
[Polygonum triandrum Coolidge] - FNA
{Polygonum spergulariaeforme Meisn. ex Small} - HDH
{Polygonum douglasii Greene subsp. spergulariiforme (Meisn. ex Small) J. C. Hickman} - KTZ <WY>
{Polygonum spergulariaeforme Meisn.} - W&W, err. rep.
Polygonum tenue Michx. - FNA

Pterogonum (see **Eriogonum**)

Reynoutria (see **Polygonum** and **Fallopia**)

* Rheum rhabarbarum L. - GPF, KTZ
[Rheum rhubarbarum L.] - UTF
{* Rheum rhaponticum L.} - HDH, W&W
{Rheum rhabarbarum L.} - KTZ

Rumex

(Identification sources: _____)

* Rumex acetosella L. - FNA, GPF, HDH, KTZ, UTF, E/W
[Acetosella vulgaris (K. Koch) Fourr.] - SF!, W&W
Rumex altissimus A. W. Wood - FNA, GPF, HDH, KTZ, SFE, W&W, E
Rumex aquaticus L. var. fenestratus (Greene) Dorn - KTZ, E/W
[Rumex aquaticus L. subsp. occidentalis (S Watson) Hultén] - SF!, W&W
[Rumex occidentalis S. Watson] - HDH
* Rumex crispus L. - FNA, GPF, HDH, SF!, UTF, W&W, E/W
[Rumex crispus subsp crispus] - KTZ
Rumex fueginus Philippi - FNA, HDH
[Rumex maritimus L.] - KTZ
[Rumex maritimus L. subsp. fueginus (Philippi) Hultén] - SF!, W&W
[Rumex maritimus L. var. fueginus (Phil.) Dusén] - GPF, UTF, E/W
Rumex hymenosepalus Torr. - FNA, GPF, KTZ, SFW, UTF, W&W, W
[Rumex arizonicus Britton] - FNA
[Rumex hymenosepalus Torr. var. hymenosepalus] - HDH
[Rumex hymenosepalus Torr. var. salinus (A. Nelson) Rechinger f.] - HDH
[Rumex saxei Kellogg] - FNA
Rumex occidentalis S. Watson - FNA
[Rumex aquaticus L. subsp. fenestratus (Greene) Hultén] - FNA
[Rumex aquaticus L. var. fenestratus (Greene) Dorn] - FNA
[Rumex aquaticus L. subsp. occidentalis (S. Wats.) Hultén] - FNA
[Rumex bakeri Greene] - FNA
[Rumex fenestratus Greene] - FNA
[Rumex gracilipes Greene] - FNA
* Rumex obtusifolius L. - FNA, GPF, HDH, KTZ, SFE, UTF, W&W, E
Rumex patientia L. - FNA, GPF, HDH, exp., KTZ <KS,NE,OK,UT,WY>, W&W doubtful
Rumex paucifolius Nutt. - FNA, HDH, UTF
[Acetosella paucifolia (Nutt.) A. Löve] - SF!, W&W
[Rumex paucifolius Nutt. var. paucifolius] - E/W
[Rumex paucifolius Nutt. subsp. paucifolius] - KTZ
Rumex praecox Rydb. - FNA
Rumex pycnanthus Rechinger f. - FNA, HDH
[Rumex densiflorus Osterh.] - FNA, HDH, KTZ, SF!, W&W, E W
[Rumex praecox Rydb.] - HDH
[Rumex pycnanthus Rechinger f. subsp. pycnanthus (Rechinger f.) Á. Löve] - FNA
Rumex salicifolius Weinm. var. denticulatus Torr. - KTZ, E/W
[Rumex utahensis Rech. f] - HDH, SF!, W&W
[Rumex mexicanus Meisn.] - GPF
[Rumex salicifolius Weinm. var. mexicanus (Meisn.) C. L. Hitchc.] - KTZ, UTF
* Rumex stenophyllus Ledeb. - FNA, GPF, KTZ, SFE, UTF, W&W, E
Rumex triangulivalvis (Danser) Rechinger f. - FNA, HDH, SF!, W&W
[Rumex salicifolius Weinm. var. triangulivalvis (Danser) J C. Hickman] - E/W
Rumex utahensis Rechinger - FNA
Rumex venosus Pursh - FNA, GPF, HDH, KTZ, SF!, UTF, W&W, E/W
{Rumex verticillatus L.} - O'Kane88

Stenogonum flexum (M. E. Jones) Reveal & J. T. Howell - FNA, KTZ, SFW, W&W
[Eriogonum glandulosum (Nutt.) Nutt ex Benth] - HDH, KTZ, W&W, misid
[Eriogonum flexum M. E. Jones] - UTF
Stenogonum salsuginosum Nutt. - Dorn01, FNA, KTZ, SFW, W&W, W
[Eriogonum salsuginosum (Nutt.) Hook.] - HDH, UTF

Truellum (see **Polygonum**)

Pontederiaceae - PON

* Eichhornia crassipes (Mart.) Solms - Snow04b

Heteranthera dubia (Jacq.) MacMill. - FNA, HDH, exp., KTZ, E
[Zosterella dubia (Jacq.) Small] - GPF, SFE, W&W
Heteranthera limosa (Sw.) Willd. - FNA, GPF, HDH, KTZ, SFE, W&W, E
Heteranthera rotundifolia (Kunth) Griseb. - FNA, HDH, KTZ, W&W

Zosterella (see **Heteranthera**)

Portulacaceae – POR

(Identification sources: _____)

[NS - Studies by Hershkovitz, Zimmer and others suggest the possibility of splitting POR into Montiaceae (including Claytonia, Lewisia, Montia, Cistanthe) and POR s.s. (Portulaca)]

{Cistanthe umbellata (Torr.) Hershkovitz} - KTZ
{NS - absent from our area in WY fide Dorn01; not confirmed for our area south from WY}
{Calyptridium umbellatum (Torr.) Greene var. caudicifera A. Gray} - UTF
Cistanthe rosea (S. Wats.) Hershk. - Dorn01
[Calyptridium roseum S. Wats.] - KTZ

Claytonia lanceolata Pursh var. lanceolata - KTZ, E/W
[Claytonia lanceolata Pursh] - Dorn01, HDH, SF!, UTF, W&W
Claytonia lanceolata Pursh var. multiscapa (Rydb.) C. L. Hitchc. - KTZ, E/W
[Claytonia lanceolata Pursh] - HDH, SF!, UTF
[Claytonia multiscapa Rydb.] - Dorn01
Claytonia megarhiza (A. Gray) Parry ex S. Watson var. megarhiza - KTZ, E/W
[Claytonia megarhiza (A. Gray) Parry] - Dorn01, HDH, SF!, UTF
[Claytonia megarhiza (Parry ex A. Gray) S Watson] - W&W, misid.
Claytonia perfoliata Donn ex Willd. subsp. perfoliata - KTZ
[Claytonia perfoliata Donn] - RMC
[Montia perfoliata (Donn) Howell] - W&W, W&W[1], misid
[Montia perfoliata (Donn) Howell var. perfoliata] - UTF
Claytonia rosea Rydb. - KTZ, SF!, W&W, E/W
[Claytonia lanceolata Pursh] - HDH, UTF
[Claytonia perfoliata Donn] - RMC
Claytonia rubra (Howell) Tidestr. subsp. depressa (A. Gray) J. M. Mill. & K. L. Chambers - KTZ
[Claytonia rubra] - Dorn01
[Montia perfoliata Donn var depressa (A. Gray) Jeps.] - HDH, exp
Claytonia rubra (Howell) Tidestr. subsp. rubra - KTZ, E/W
[Claytonia perfoliata Donn] - RMC
[Claytonia rubra (Howell) Tidestr.] - SF!, W&W[1]
{Claytonia umbellata S. Wats.} - Dorn01

{NS - collected only once in our region fide Dorn01 in 1876 [Albany Co., WY]; thus probably a waif subsequently extirpated given its typical range in CA, OR, and NV}

Crunocallis (see **Montia**)

Erocallis (see **Lewisia**)

Lewisia nevadensis (A. Gray) B. L. Rob. - KTZ, W
[Lewisia pygmaea (A. Gray) B. L. Rob.] - UTF
[Lewisia pygmaea (A. Gray) B. L. Rob. var. nevadensis (A. Gray) Fosberg] - HDH
[Lewisia pygmaea (A. Gray) B. L. Rob. var. pygmaea] - RMC
[Oreobroma nevadensis (A. Gray) Howell] - SFW, W&W
Lewisia pygmaea (A. Gray) B. L. Rob. var. pygmaea - HDH, E/W
[Lewisia pygmaea (A. Gray) B. L. Rob.] - Dorn01, KTZ, UTF
[Oreobroma pygmaea (A. Gray) Howell] - SF!, W&W
Lewisia rediviva Pursh var. rediviva - KTZ, E/W
[Lewisia rediviva Pursh] - Dorn01, HDH, SF!, UTF, W&W
Lewisia triphylla (S. Watson) B. L. Rob. - Dorn01, HDH, KTZ, UTF, E/W
[Erocallis triphylla (S Watson) Rydb.] - SF!, W&W

Montia (see also **Claytonia**)
Montia chamissoi (Ledeb. ex Spreng.) Greene - Dorn01, KTZ, E/W
[Crunocallis chamissoi (Ledeb.) Cockerell] - SFE
[Crunocallis chamissoi (Ledeb.) Rydb] - SFW
[Crunocallis chamissoi (Ledeb. ex Spreng.) Rydb] - W&W
[Montia chamissoi (Ledeb.) T. Durand & Jackson] - HDH
[Montia chamissoi (Ledeb.) B. L. Rob & Fernald] - UTF

Oreobroma (see **Lewisia**)

Phemeranthus breviolius (Torr.) Kiger - KTZ
[Talinum brevifolium Torr.] - HDH, exp., UTF, W&W
Phemeranthus calycinus (Engelm.) Kiger KTZ
[Talinum calycinum Engelm.] - GPF, HDH, KTZ, SFE, W&W[1], E
Phemeranthus parviflorus (Nutt.) Kiger
[Talinum parviflorum Nutt.] - Dorn01, GPF, KTZ, SF!, UTF, E W
[Talinum parviflorum Nutt. ex Torr. & A. Gray] - HDH, W&W

Portulaca halimoides L. - KTZ, SF!, UTF, W&W[1], E/W
[Portulaca parvula A. Gray] - GPF <CO>, HDH, W&W
Portulaca oleracea L. - Dorn01, GPF, HDH, KTZ, SF!, UTF, W&W, E/W
[Portulaca retusa Engelm.] - W&W, HDH, exp.
Portulaca pilosa L. - KTZ, W&W

Potamogetonaceae - POT (including **Zannichelliaceae**, **Najadaceae**)

Potamogeton (see also **Stuckenia**)

(Identification sources: _____)

Potamogeton alpinus Balb. - Dorn01, FNA, IMF, KTZ, SFW, UTF, W&W, E/W

[Potamogeton alpinus Balb. var. subellipticus (Fernald) Ogden] - HDH, exp.
[Potamogeton alpinus Balb. var. tenuifolius (Raf.) Ogden] - GPF, HDH, SFE
Potamogeton amplifolius Tuck. - Dorn01, FNA,GPF, HDH, IMF, KTZ, SF!, W&W, E/W
* Potamogeton crispus L. - Dorn01, FNA,GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E
Potamogeton diversifolius Raf. - FNA, GPF, HDH, IMF, KTZ, SFE, W&W, E
Potamogeton epihydrus Raf. - Dorn01, FNA, GPF, IMF, KTZ, SF!, UTF, E/W
[Potamogeton epihydrus Raf. var. nuttallii (Cham. & Schltdl.) Fernald] - HDH, W&W
Potamogeton foliosus Raf. var. foliosus - HDH, IMF, UTF, E/W
[Potamogeton foliosus Raf] - Dorn01, GPF, SF!, W&W
[Potamogeton foliosus Raf subsp foliosus] - FNA, KTZ
[Potamogeton foliosus Raf. var. macellus Fernald] - HDH
Potamogeton friesii Rupr. - Dorn01
Potamogeton gramineus L. - Dorn01, FNA, GPF, IMF, KTZ, SF!, UTF, W&W, E/W
[Potamogeton gramineus L. var. gramineus] - HDH
[Potamogeton gramineus L. var. maximus Morong ex A. Benn.] - HDH
Potamogeton X hagstroemii A. Benn. - FNA, KTZ
[Potamogeton gramineus X P. richardsonii] - KTZ
Potamogeton illinoensis Morong - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
[Potamogeton lateralis Morong] - HDH?, W&W[1]
Potamogeton natans L. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Potamogeton nodosus Poir - Dorn01, FNA, GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E/W
[Potamogeton nodosus L] - SFW
Potamogeton praelongus Wulfen - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Potamogeton pusillus L. var. pusillus - Dorn01, GPF, IMF, W&W, E/W
[Potamogeton pusillus L.] - SF!, HDH
[Potamogeton pusillus L. subsp. pusillus] - FNA, KTZ
Potamogeton pusillus L. var. tenuissimus Mert. & W. D. J. Koch - Dorn01, IMF, W&W, E/W
[Potamogeton berchtoldii Fieber] - HDH
[Potamogeton pusillus L.] - HDH, SF!, UTF
[Potamogeton pusillus L. subsp. tenuissimus (Mert. & W. D. J. Koch) R. R. Haynes & Hellq.] - FNA, KTZ
Potamogeton richardsonii (A. Benn.) Rydb. - Dorn01, FNA,GPF, HDH, IMF, KTZ, UTF, E/W
[Potamogeton perfoliatus L subsp. richardsonii (A Benn) Hultén] - SF!, W&W
Potamogeton robbinsii Oakes - Dorn01, FNA, HDH, exp., IMF, KTZ, UTF
Potamogeton strictifolius A. Benn. - Dorn01, FNA, GPF, IMF, KTZ
[Potamogeton strictifolius A. Benn. var. rutiloides Fernald] - HDH, exp., UTF
[Ptamogeton longiligulatus Fern.] - KTZ
[Potamogeton pusillus var. rutiloides (Fern.) Boivin] - KTZ
[Potamogeton rutilus auct. non Wolfgang] - KTZ
[Potamogeton strictifolius var. rutiloides Fern.] - KTZ
[Potamogeton strictifolius var. typicus Fern.] - KTZ
{Potamogeton zosteriformis Fernald} - FNA, GPF, HDH, exp., IMF, KTZ, UTF

Stuckenia

(Identification sources: _____)

Stuckenia filiformis (Pers.) Börner subsp. alpinus (Blytt) R. R. Hayes, Les, & M. Král - FNA, KTZ, E/W
[Potamogeton filiformis Pers.] - GPF, SF!, W&W

[Potamogeton filiformis Pers. var. alpinus (Blytt) Asch. & Graebn.] - IMF, UTF
[Potamogeton filiformis Pers. var. alpinus (J. W. Robbins) Dorn] - Dorn01
[Potamogeton filiformis Pers. var. borealis (Raf.) H. St. John] - HDH
[Potamogeton filiformis Pers. var. macounii Morong] - HDH

Stuckenia filiformis (Pers.) Börner subsp. occidentalis (J. W. Robbins) R. R. Haynes, Les, & M. Král - FNA, KTZ, E/W
[Potamogeton filiformis Pers.] - GPF, SF!, W&W
[Potamogeton filiformis Pers. var. occidentalis (J. W. Robbins) Morong] - IMF, UTF
[Potamogeton filiformis Pers. var. occidentalis (J. W. Robbins) Dorn] - Dorn01

Stuckenia pectinata (L.) Börner - Dorn01, FNA, KTZ, E/W
[Potamogeton pectinatus L.] - GPF, HDH, IMF, SF!, UTF, W&W

Stuckenia striata (Ruiz & Pav.) Holub - FNA, KTZ
[Potamogeton filiformis Pers.] - GPF, SF!, W&W[1]
[Potamogeton filiformis Pers. var. latifolius (J. W. Robbins) Reveal] - IMF?, UTF
[Stuckenia striatus (Ruiz & Pav.) Holub] - KTZ

Stuckenia vaginata (Turcz.) Holub - Dorn01, FNA, KTZ, E
[Potamogeton vaginatus Turcz.] - GPF, HDH, IMF, SFE, UTF, W&W

Zannichellia palustris L. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Primulaceae - PRM (see also **MRS**)

(Identification sources: _____)

Anagallis (see **MRS**)

Androsace chamaejasme Host. subsp. lehmanniana Spreng. - E/W
[TK - pers comm.]
[Androsace carinata Torr] - HDH
[Androsace chamaejasme Wulf subsp carinata (Torr.) Hultén] - KTZ
[Androsace chamaejasme Wulf. var. carinata (Torr.) Knuth] - Dorn01
[Androsace chamaejasme Host subsp. carinata (Torr) Hultén] - SF!, W&W
[Androsace chamaejasme Host var. carinata (Torr) Kunth] - UTF

Androsace filiformis Retz. - Dorn01, HDH, KTZ, SF!, UTF, W&W, E/W

Androsace occidentalis Pursh - Dorn01, GPF, KTZ, SF!, UTF, W&W, E/W
[Androsace occidentalis Pursh forma occidentalis] - HDH
[Androsace occidentalis Pursh forma simplex (Rydb.) Robbins] - HDH

Androsace septentrionalis L. - SF!, UTF, W&W, E/W
[T. Kelso, pers. comm.]
[Androsace septentrionalis L. subsp glandulosa (Wooton & Standl) G. T. Robbins] - KTZ
[Androsace septentrionalis L. var. glandulosa H. St. John] - HDH
[Androsace septentrionalis L. subsp. puberulenta (Rydb.) G. T. Robbins] - KTZ
[Androsace septentrionalis L. var. puberulenta (Rydb.) R. Knuth] - HDH
[Androsace septentrionalis L. subsp subulifera (A Gray) G. T. Robbins] - KTZ
[Androsace septentrionalis L. subsp subumbellata (A Nels.) G. T. Robbins] - KTZ
[Androsace septentrionalis L. var. subulifera A. Gray] - Dorn01, GPF, HDH
[Androsace septentrionalis L. var. subumbellata A. Nelson] - HDH

Centunculus (see **Anagallis**)

Dodecatheon (see also **Primula**)
[Mast07 summarizes the considerable evidence for merging Dodecantheon into Primula]

Dodecatheon conjugens Greene - Dorn01
[Dodecatheon conjugens subsp conjugens] - KTZ
[Dodecatheon conjugens subsp leptophyllum (Suksdorf) Piper] - KTZ
[Dodecatheon conjugens var. beamishii Boivin] - KTZ
[Dodecatheon cylindrocarpum Rydb] - KTZ
[Primula conjugens (Greene) A R Mast & Reveal] - Mast07
Dodecatheon dentatum Hooker subsp. ellisaiae (Standl.) H. J. Thompson - KWA, KTZ
[Dodecatheon ellisiae Standl] - M&H, KTZ
Dodecatheon pulchellum (Raf.) Merr. var. pulchellum - UTF, E/W
[Dodecatheon pulchellum (Raf.) Merr.] - Dorn01, GPF, HDH, SF!, W&W
[Dodecatheon pulchellum (Raf.) Merr. subsp. pulchellum] - KTZ
[Dodecatheon radicatum Greene] - HDH

Douglasia montana A. Gray - Dorn01

♦ Primula angustifolia Torr. - **ENDEMIC** **<CO, NM>**, HDH, KTZ, SF!, W&W, E/W
Primula egaliksensis Wormsk. ex Hornem. - KTZ, E
[Primula egalikensis Wormsk.] - HDH rep , SFE, W&W
Primula incana M. E. Jones - Dorn01, GPF, HDH, KTZ, SF!, UTF, W&W, E/W
Primula parryi A. Gray - Dorn01, HDH, KTZ, SF!, UTF, W&W, E/W
{Primula specuicola M. E. Jones} - SFW, exp.

Pyrolaceae (see **ERI**)

Ranunculaceae - RAN (including **Coptaceae**, **Helleboraceae**; see also **Paeoniaceae**, under **Thelypteridaceae** in W&W[1])

(Identification sources: _____)

Aconitum columbianum Nutt. var. columbianum - UTF, E/W
[Aconitum columbianum Nutt] - Dorn01, GPF, SF!
[Aconitum columbianum Nutt subsp columbianum] - FNA, KTZ
[Aconitum columbianum Nutt forma ochroleucum St. John] - SF!
[Aconitum columbianum Nutt. ex Torr. & A. Gray var. bakeri (Greene) Harrington] -HDH, W&W
[Aconitum columbianum Nutt. ex Torr. & A. Gray var. columbianum] - HDH, W&W

Actaea rubra (Aiton) Willd. - Dorn01, FNA, GPF, UTF, E/W
[Actaea arguta Nutt. & Torr. & A. Gray] - HDH
[Actaea rubra (Aiton) Willd. subsp. arguta (Nutt.) Hultén] - KTZ, SF!, W&W

Anemonastrum (see **Anemone**)

Anemone

(Identification sources: _____)

Anemone canadensis L. - Dorn01, FNA, GPF, HDH, KTZ, E
[Anemonidium canadense (L.) A. Löve & D Löve] - SFE, W&W
Anemone cylindrica A. Gray - Dorn01, FNA, GPF, HDH, KTZ, SF!, W&W, E/W
Anemone multifida Poir. var. multifida - FNA, UTF, E/W

[Anemone globosa Nutt. ex Pritz.] - HDH
[Anemone multifida Poir.] - Dorn01, GPF
[Anemone multifida Poir. subsp. globosa (Nutt.) Torr. & A. Gray] - SF!
[Anemone multifida Poir. var. globosa (Nutt.) Torr. & A. Gray] - W&W
[Anemone multifida Poir. var. hudsoniana DC.] - KTZ
[Anemone multifida Poir. var. sansonii B. Boivin] - KTZ
[Anemone multifida Poir subsp saxicola (B Boivin) W A. Weber] - SF!, W&W
[WJ - I doubt that this can be maintained considering the variable size and coloration of the typical variety]
[Anemone multifida Poir. var. saxicola B Boivin] - FNA, KTZ

Anemone narcissiflora L. var. zephyra (A. Nelson) Dutton & Keener - Dorn01, FNA, KTZ, E/W
[Anemonastrum narcissiflorum (L.) Holub subsp. zephyrum (A. Nelson) W. A. Weber] - SF!, W&W
[Anemone narcissiflora L.] - RMC
[Anemone zephyra A Nelson] - HDH

Anemone parviflora Michx. - Dorn01, FNA, HDH, SF!, UTF, W&W, E/W
[Anemone parviflora Michx. var. parviflora] - KTZ

Anemone patens L. var. multifida Pritz. - Dorn01, FNA, UTF, E/W
[Anemone patens L.] - GPF
[Pulsatilla ludoviciana (Nutt.) A. Heller] - HDH, W&W[1]
[Pulsatilla patens (L.) Mill. subsp. hirsutissima Zämels] - SFW
[Pulsatilla patens (L.) Mill. subsp. multifida (Pritz) Zämels] - KTZ, SFE, W&W

{Anemone virginiana L. var. riparia (Fernald) B. Boivin} - WJ, E
{Anemone riparia Fernald} - SFE, W&W
{Anemone virginiana L.} - GPF
{Anemone virginiana L. var. alba (Oakes) A. W. Wood} - FNA, KTZ

{Anemone virginiana L. var. virginiana} - FNA, KTZ
{Anemone virginiana L.} - GPF

Anemonidium (see **Anemone**)

Aquilegia

(Identification sources: _____)

Aquilegia barnebyi Munz - FNA, HDH, KTZ, SFW, UTF, W&W, W

Aquilegia chrysantha A. Gray - FNA, HDH, UTF, E
[Aquilegia chrysantha A. Gray var. rydbergii Munz] - KTZ, SFE, W&W

Aquilegia coerulea X A. elegantula
[WJ - See *Langenheim 885* [COLO], *Michener 460* [COLO], *Kelly 635* [KHD]]

Aquilegia coerulea E. James var. coerulea - FNA, E/W
[Aquilegia caerulea E. James var. caerulea] - HDH, KTZ, UTF
[Aquilegia caerulea E. James var. daileyae Eastw.] - HDH, KTZ
[Aquilegia coerulea E. James] - Dorn01, SF!, W&W[1]
[Aquilegia coerulea E. James ex Torr.] - W&W
[Aquilegia coerulea E. James var. daileyae Eastw.] - KTZ
[Aquilegia coerulea E. James forma daileyae (Eastw.) W. A Weber] - SF!

Aquilegia coerulea E. James var. ochroleuca Hook. - FNA
[Aquilegia caerulea E. James var. ochroleuca Hook] - HDH, KTZ, UTF
[Aquilegia coerulea E. James] - W&W[1]
[Aquilegia coerulea E. James ex Torr.] - W&W

{Aquilegia desertorum (M. E. Jones) A. Heller} - FNA
{Aquilegia desertorum (M. E. Jones) Cockerell ex A. Heller} - KTZ <AZ, NM, UT>
{Aquilegia triternata Payson} - HDH, KTZ <AZ, NM>, W&W, misid.

Aquilegia elegantula Greene - FNA, HDH, KTZ, SF!, UTF, W&W, E/W

{Aquilegia flavescens S. Watson var. flavescens} - FNA, KTZ, UTF
[Aquilegia micrantha X A elegantula} - W&W
[Aquilegia flavescens S. Watson} - HDH, W&W[1]
♦ Aquilegia laramiensis A. Nelson - **ENDEMIC <WY>**, Dorn01, FNA
♦ Aquilegia micrantha Eastw. - **ENDEMIC <CO>**, FNA, SFW, UTF, W&W, W
[Aquilegia ecalcarata Eastw.] - SFW, spurless form
[Aquilegia mancosana (Eastw.) Cockerell] - SFW, spurless form
[Aquilegia micrantha Eastw. var. mancosana Eastw.] - HDH, KTZ
[Aquilegia micrantha Eastw. var. micrantha] - HDH, KTZ
{Aquilegia pubescens Coville} - FNA, KTZ, SFE not persisting, W&W, E
♦ Aquilegia saximontana Rydb. - **ENDEMIC <CO>**, FNA, HDH, KTZ, SFE, E
[Aquilegia saximontana Rydb. ex B. L Rob.] - W&W
Aquilegia scopulorum Tidestr. var. calcarea (M. E. Jones) Munz} - KTZ <UT, WY>
[Aquilegia scopulorum Tidestr.] - HDH, exp., - FNA, UTF

Atragene (see **Clematis**)

Batrachium (see **Ranunculus**)

Caltha leptosepala DC. - Dorn01, FNA, HDH, E/W
[Caltha leptosepala DC subsp leptosepala var leptosepala] - KTZ
[Caltha leptosepala DC. var. leptosepala] - UTF
[Psychrophila leptosepala (DC.) W. A Weber] - SF!, W&W

Ceratocephala (see **Ranunculus**)

Clematis

(Identification sources: _____)

Clematis columbiana (Nutt.) Torr. & A. Gray var. columbiana - Dorn01, FNA, KTZ, E/W
[Atragene columbiana Nutt.] - SF!, W&W
[Clematis columbiana (Nutt.) Torr. & A. Gray] - UTF
[Clematis pseudoalpina (Kuntze) A. Nelson] - GPF, HDH
Clematis columbiana (Nutt.) Torr. & A. Gray var. tenuiloba (A. Gray) Pringle - Dorn01, FNA, KTZ, E/W
[WJ - I think FNA may have treated this group incorrectly. *Clematis columbiana* is either *C. tenuiloba* or a hybrid between it and *C grosseserrata.* Colorado plants called *C columbiana* or *C. tenuiloba* are *C. pseudoalpina*]
[Atragene columbiana Nutt.] - SF!, W&W
[Clematis columbiana (Nutt.) Torr. & A. Gray] - UTF
[Clematis tenuiloba (A. Gray) C. L. Hitchc] - GPF
Clematis drummondii Torr. & A. Gray - FNA, GPF, KTZ
Clematis hirsutissima Pursh - Dorn01, GPF, UTF
[Clematis hirsutissima Pursh var. hirsutissima - FNA, HDH, KTZ, E/W
[Coriflora hirsutissima (Pursh) W. A. Weber] - SF!, W&W
Clematis ligusticifolia Nutt. - Dorn01, FNA, GPF, SF!, UTF, E/W
[Clematis ligusticifolia Nutt. var. ligusticifolia] - KTZ
[Clematis ligusticifolia Nutt. ex Torr. & A. Gray] - HDH, W&W
Clematis occidentalis (Hornem.) DC. var. grosseserrata (Rydb.) Pringle - FNA, KTZ, E/W
[WJ - *C occidentalis* is northeastern Western plants should be called *C grosseserrata* but comb nov. needed]

[Atragene occidentalis Hornem.] - SF!, W&W
[Clematis columbiana auct. non (Nutt.) Torr. & A. Gray] - HDH, fide W&W

{Clematis occidentalis (Hornem.) DC. var. occidentalis} - FNA, KTZ
{Atragene occidentalis Hornem.} - W&W
{Clematis occidentalis (Hornem.) DC.} - UTF

* Clematis orientalis L. - FNA, HDH, KTZ, UTF, E/W
[Viticella orientalis (L.) W. A. Weber] - SF!, W&W

◆ Clematis scottii Porter
[WJ - the reduction of this taxon to variety of C. hirsutissima by some is unjustified. The flowers are very different. It is endemic to sc CO and nc NM, where it displaces C. hirsutissima. RH (at RM) agrees with this assessment] [NS - KTZ reports this taxon also from WY, UT, NE, and as rare in SD and OK, further investigation is warranted]
[Clematis hirsutissima Pursh var. scottii (Porter) R. O. Erickson] - FNA, HDH, KTZ, E
[Clematis hirsutissima Pursh] - GPF
[Coriflora scottii (Porter) W. A. Weber] - W&W
[Coriflora scottii (Porter & Coult.) W. A. Weber] - SFE
[Viorna scottii (Porter) Rydb] - KTZ

{Coptis groenlandica (Oeder) Fernald} - HDH, W&W, specimen from MN, FNA
{Coptis trifolia (L.) Salisb.} - KTZ

Coriflora (see **Clematis**)

Cyrtorhyncha (see **Ranunculus**)

Delphinium

(Identification sources: _____)

Delphinium alpestre Rydb. - FNA, HDH, KTZ, E/W
[Delphinium racemosum Rydb var alpestre (Rydb) W. A. Weber] - W&W
[Delphinium ramosum Rydb.] - SF!

Delphinium barbeyi (Huth) Huth - Dorn01, FNA, HDH, KTZ, W&W, E/W
[Delphinium barbeyi Huth] - **SF!**
[Delphinium occidentale (S. Watson) S. Watson var. barbeyi (Huth) S. L. Welsh] - UTF

Delphinium bicolor Nutt. - Dorn01, KTZ

Delphinium geyeri Greene - Dorn01, FNA, GPF, HDH, KTZ, SF!, UTF, W&W, E/W

Delphinium nuttallianum Pritz. - Dorn01, FNA, SF!, UTF, E/W
[Delphinium nelsonii Greene] - HDH, WJ
[Delphinium nuttallianum Pritz ex Walp.] - KTZ, W&W
[Delphinium nuttallianum Pritz. var. nuttallianum] - GPF
[Delphinium nuttallianum Pritz ex Walp. var. nuttallianum] - RMC

Delphinium occidentale (S. Watson) S. Watson - Dorn01, WJ, E/W
[Delphinium glaucum S. Watson] - FNA, KTZ, SF!, W&W!
[Delphinium X occidentale (S. Watson) S. Watson] - KTZ
[Delphinium occidentale (S. Watson) S. Watson subsp. cucullatum (A. Nelson) Ewan] HDH, W&W
[Delphinium occidentale (S. Watson) S. Watson subsp. quercicola Ewan] - HDH, W&W
[Delphinium occidentale (S. Watson) S. Watson subsp. occidentalis] - HDH, W&W

Delphinium ramosum Rydb.- Dorn01, FNA, HDH, KTZ, SF!, E/W
[WJ - I cannot separate D robustum from D ramosum]
[Delphinium ramosum Rydb. var. ramosum] - W&W
[Delphinium robustum Rydb.] - FNA, HDH, KTZ, SFE, W&W

Delphinium scaposum Greene - FNA, HDH, KTZ, W
[Delphinium andersonii A. Gray var. scaposum (Greene) S. L. Welsh] - SFW, UTF, W&W
Delphinium virescens Nutt. - GPF, WJ, E
[Delphinium carolinianum Walter subsp. virescens (Nutt.) R. E. Brooks] - FNA, KTZ, W&W[1]
[Delphinium carolinianum Walter subsp virescens (Nutt.) M. C. Johnst.] - SFE, W&W
[Delphinium penardii Huth] - GPF, may be called
[Delphinium virescens Nutt. subsp penardii (Huth) Ewan] - GPF, or may be called, HDH
{Delphinium wootonii Rydb.} -FNA,GPF?, KTZ, SFE, doubtfully distinct, W&W, E
{WJ - FNA in error, not in Colorado}
{Delphinium virescens Nutt. subsp. wootonii (Rydb.) Ewan} - GPF, HDH

Halerpestes (see **Ranunculus**)

Hecatonia (see **Ranunculus**)

{Myosurus apetalus Gay var. borealis Whittem.} -FNA, KTZ, E/W
{Myosurus apetalus Gay} - SF!, W&W
Myosurus apetalus Gay var. borealis Whittem. - Dorn01
Myosurus apetalus Gay var. montanus (G. R. Campbell) Whittem. - Dorn01, FNA, KTZ, E/W
[Myosurus apetalus Gay] - SF!, UTF, W&W
[Mysourus aristatus Benth.] - GPF, HDH rep.,
[Myosurus minimus L. subsp. montanus Campbell] - HDH, W&W
Myosurus cupulatus S. Watson - FNA, KTZ, UTF, W&W
Myosurus minimus L. - Dorn01, FNA, GPF, KTZ, SF!, UTF, E/W
[Myosurus minimus L. subsp. minimus] - HDH, W&W
[Myosurus minimus L. var. minimus] - RMC
Myosurus nitidus Eastw. - FNA, HDH rep., KTZ, SFW, UTF, W&W[1], W
[Myosurus cupulatus S. Watson] - W&W

Psychrophila (see **Caltha**)

Pulsatilla (see **Anemone**)

Ranunculus

(Identification sources: _____)

Ranunculus abortivus L. - Dorn01, FNA, GPF, KTZ, E/W
[Ranunculus abortivus L. var. abortivus] - HDH, W&W[1], err. rep.
[Ranunculus abortivus L. subsp. acrolasius (Fernald) B. M. Kapoor & A. Löve] - SF!, W&W
Ranunculus acriformis A. Gray var. acriformis - Dorn01, FNA, HDH, KTZ, E/W
[Ranunculus acriformis A. Gray] - SF!, UTF, W&W
Ranunculus acriformis A. Gray var. montanensis (Rydb.) L. D. Benson - Dorn01, HDH exp., FNA, KTZ
{Ranunculus acris L.} - FNA, GPF, HDH, exp., KTZ, W&W
{Ranunculus acris L. var. acris} - UTF
Ranunculus adoneus A. Gray - Dorn01, FNA, SF!, W&W, E/W
[Ranunculus adoneus A. Gray var. adoneus] - HDH, KTZ
[Ranunculus adoneus A. Gray var. alpinus (S. Watson) L. D. Benson] - HDH, KTZ, UTF
Ranunculus alismifolius Geyer ex Benth. var. montanus S. Watson - Dorn01, FNA, HDH, Hartman06, KTZ, W&W, E/W

[Ranunculus alismifolius Geyer var. montanus S. Watson] - SF!, UTF

Ranunculus aquatilis L. var. diffusa With. - Dorn01, FNA, E/W

[Batrachium circinatum (Sibth.) Fr subsp subrigidum (E Drew) A. Löve & D. Löve] - SF!, W&W

[Batrachium longirostre (Godron) F Schultz] - SF!, W&W

[Batrachium trichophyllum (Chaix) Bosch] - SF!, W&W

[Ranunculus aquatilis L. var. capillaceus (Thuill.) DC] - HDH, UTF

[Ranunculus aquatilis L. var. eradicatus Laestad.] - HDH

[Ranunculus aquatilis L. var. longirostris (Godr.) C. Lawson] - UTF

[Ranunculus aquatilis L. var. subrigidus (E Drew) Breitng] - UTF

[Ranunculus circinatus Sibth. var. subrigidus (E. Drew) L. D. Benson] - HDH

[Ranunculus longirostris Godr] - GPF, HDH, KTZ

[Ranunculus subrigidus W. B. Drew] - GPF

[Ranunculus trichophyllus Chaix var. trichophyllus] - KTZ

{Ranunculus arvensis L.} - HDH exp., FNA, GPF, KTZ <KS, UT>, UTF

Ranunculus cardiophyllus Hook. - Dorn01, FNA, GPF, KTZ, SF!, UTF, W&W, E/W

[Ranunculus cardiophyllus Hook. var. cardiophyllus] - HDH

[Ranunculus cardiophyllus Hook. var. coloradensis L. D. Benson] - HDH

[Ranunculus coloradensis (L. D. Benson) L. D. Benson] - KTZ

Ranunculus cymbalaria Pursh - Dorn01, FNA, GPF, KTZ, UTF, E/W

[Halerpestes cymbalaria (Pursh) Greene subsp saximontana (Fernald) Moldenke] -SF!, W&W

[Ranunculus cymbalaria Pursh var saximontanus Fernald] - Dorn01, HDH, SF!

Ranunculus eschscholtzii Schltdl. var. eschscholtzii - Dorn01, FNA, HDH, KTZ, UTF, E/W

[Ranunculus eschscholtzii Schltdl.] - SF!, W&W

Ranunculus eschscholtzii Schltdl. var. eximius (Greene) L. D. Benson - Dorn01, FNA, HDH rep.,

[Ranunculus eschscholtzii Schltdl] - W&W[1]

[Ranunculus eximius Greene] - KTZ <AZ, UT, WY>

{Ranunculus fascicularis Muhl. ex Bigelow} - FNA, GPF, KTZ

{Ranunculus fascicularis Muhl. ex Bigelow var. apricus (Greene) Fernald}-HDH rep.,W&W err. rep.

{Ranunculus flabellaris Raf.} - FNA, GPF, HDH, KTZ, UTF, W&W, misid.

Ranunculus flammula L. var. ovalis (Bigelow) L. D. Benson - FNA, GPF, HDH

[Ranunculus flammula L.] - UTF

[Ranunculus flammula L var filiformis (Michx.) Hook.] - HDH, KTZ

[Ranunculus flammula L. var. flammula] - KTZ

[Ranunculus flammula L var reptans (L.) Meyer] - Dorn01 (presumably using different varietal name for same taxon)]

[Ranunculus reptans L. var. ovalis Torr. & A. Gray] - W&W

Ranunculus gelidus Karilin & Karilow - FNA, HDH, SF!, UTF, W&W[1], Eurasian, E/W

[Ranunculus gelidus Karilin & Karilow subsp. grayi (Britton) Hultén] - W&W

[Ranunculus karelinii Czern.] - KTZ

Ranunculus glaberrimus Hook. var. ellipticus (Greene) Greene - Dorn01, FNA, KTZ, E/W

[Ranunculus glaberrimus Hook var. ellipticus Greene] - GPF, HDH, SF!, UTF, W&W

[Ranunculus oreogenes Greene] - HDH rep., KTZ, UTF

Ranunculus gmelinii DC. - Dorn01, FNA, KTZ, UTF, E/W

[Ranunculus gmelinii DC. var. hookeri (D Don) L D. Benson] - GPF, HDH, SF!, W&W

[Ranunculus gmelinii DC. var. limosus (Nutt.) H. Hara] - GPF

[Ranunculus gmelinii DC. var. purshii (Richardson) H. Hara] - RMC

Ranunculus hyperboreus Rottb. - Dorn01, FNA, KTZ, UTF, E/W

[Ranunculus hyperboreus R. Br. subsp. intertextus (Greene) B. M. Kapoor & A. Löve] - SFW

[Ranunculus hyperboreus Rottb. subsp. intertextus (Greene) B. M. Kapoor & A. Löve]- SFE, W&W

[Ranunculus natans C. A. Mey.] - UTF

[Ranunculus natans C. A. Mey. var. intertextus (Greene) L. D. Benson] - HDH

Ranunculus inamoenus Greene var. alpeophilus (A. Nelson) L. D. Benson - Dorn01

Ranunculus inamoenus Greene var. inamoenus - Dorn01, FNA, HDH, KTZ, E/W

[Ranunculus inamoenus Greene] - GPF, SF!, UTF, W&W
[Ranunculus inamoenus Greene var. alpeophilus (A. Nelson) L. D. Benson] - HDH, KTZ
Ranunculus jovis A. Nelson - Dorn01, FNA, HDH rep., KTZ, SFW, UTF, W&W, W
Ranunculus macauleyi A. Gray - FNA, SF!, W&W, E/W
[Ranunculus macauleyi A Gray var brandegei L. D Benson] - HDH, KTZ
[Ranunculus macauleyi A Gray var. macauleyi] - HDH, KTZ
Ranunculus macounii Britton - Dorn01, FNA, GPF, HDH, KTZ, SF!, UTF, W&W, E/W
{Ranunculus micranthus Nutt.} - GPF, FNA, KTZ <KS, OK>
{Ranunculus micranthus Nutt. ex Torr. & A. Gray} - HDH rep., W&W, rep.
{Ranunculus nivalis L.} - FNA, HDH rep., KTZ, SFW, W
Ranunculus pedatifidus J. E. Sm. var. affinis (R. Br.) L. D. Benson - Dorn01, FNA, KTZ, E/W
[Ranunculus pedatifidus J. E. Sm.] - HDH, SF!, W&W
[Ranunculus pedatifidus J. E. Sm. ex Rees] - UTF
Ranunculus pensylvanicus L. f. - Dorn01, FNA, GPF, HDH, KTZ, W&W, no specimens seen
Ranunculus pygmaeus Wahlenb. - Dorn01, FNA, HDH, SF!, UTF, W&W, E/W
[Ranunculus pygmaeus Wahlenb var pygmaeus - KTZ
Ranunculus ranunculinus (Nutt.) Rydb. - Dorn01, FNA, HDH, KTZ, UTF, E/W
[Cyrtorhyncha ranunculina Nutt] - SF!
[Cyrtorhyncha ranunculina Nutt ex Torr. & A. Gray] - W&W
* Ranunculus repens L. - Dorn01, FNA, Hartman06, KTZ, SF!, W&W, E/W
[Ranunculus repens L. var. repens] - HDH, UTF, W&W[1], European
Ranunculus sceleratus L. var. multifidus Nutt. - Dorn01, FNA, GPF, HDH, KTZ, UTF, E/W
[Hecatonia scelerata (L.) Fourr.] - SF!, W&W
{Ranunculus sceleratus L. var. sceleratus} - FNA, GPF, KTZ <KS, NE, OK>, E/W
{Hecatonia scelerata (L.) Fourr.} - SF!, W&W
* Ranunculus testiculatus Crantz - Dorn01, FNA, GPF, HDH, UTF, E/W
[Ceratocephala orthoceras DC.] - SF!, W&W
[Ceratocephala testiculata (Crantz) Besser] - KTZ
Ranunculus uncinatus D. Don - Dorn01, FNA, SF!, E/W
[Ranunculus uncinatus D. Don var. uncinatus] - HDH, rep.
[Ranunculus uncinatus D. Don ex G. Don var. uncinatus] - KTZ
[Ranunculus uncinatus D. Don var. earlei (Greene) L. D. Benson] - HDH, W&W
[Ranunculus uncinatus D. Don ex G. Don var earlei (Greene) L. D. Benson] - KTZ
[Ranunculus uncinatus D. Don var. parviflorus (Torr.) L. D. Benson] - HDH, W&W
[Ranunculus uncinatus D. Don ex G. Don var parviflorus (Torr.) L. D. Benson] - KTZ

Thalictrum

(Identification sources: _____)

Thalictrum alpinum L. - Dorn01, FNA, KTZ, SF!, UTF, W&W, E/W
[Thalictrum alpinum L. var. hebetum B. Boivin] - HDH
Thalictrum dasycarpum Fisch. & Avé-Lall. - Dorn01, FNA, GPF, KTZ, SF!, W&W, E/W
[Thalictrum dasycarpum Fisch. & Avé-Lall. ex Fisch , May., & Avé-Lall] - HDH
Thalictrum fendleri Engelm. ex A. Gray - Dorn01, FNA, HDH, UTF, W&W, E/W
[Thalictrum fendleri Engelm] - SF!
[Thalictrum fendleri Engelm ex A. Gray var. fendleri] - KTZ
♦ Thalictrum heliophilum Wilken & DeMott - **ENDEMIC<CO>**, FNA, KTZ, SFW, W&W, W
Thalictrum occidentale A. Gray - FNA, UTF
[Thalictrum occidentale A. Gray var. occidentale] - KTZ <WY>
Thalictrum revolutum DC. - FNA, KTZ, W&W

Thalictrum sparsiflorum Turcz. ex Fisch. & C. A. Mey. - FNA, E/W
[Thalictrum sparsiflorrum Turcz.] - SF!
[Thalictrum sparsiflorum Turcz. ex Fisch. & Avé-Lall] - W&W
[Thalictrum sparsiflorum Turcz. ex Fisch. & C. A. Mey. var. saximontanum B Boivin] - Dorn01, KTZ
[Thalictrum sparsiflorum Turcz. ex Fisch., C. A. Mey., & Avé-Lall. var saximontanum B Boivin] - HDH
Thalictrum venulosum Trel. - Dorn01, FNA,GPF, HDH, KTZ, W&W

Trautvetteria caroliniensis (Walter) Vail - FNA, HDH, SF!, UTF, W&W, E/W
[Trautvetteria caroliniensis (Walter) Vail var. occidentalis (A. Gray) C. L. Hitchc.] - KTZ

Trollius albiflorus (A. Gray) Rydb. - Dorn01, FNA, SF!, W&W, E/W
[Trollius laxus Salisb] - UTF
[Trollius laxus Salisb. subsp. albiflorus (A. Gray) A. Löve, D. Löve, & B. M. Kapoor]-KTZ
[Trollius laxus Salisb. var. albiflorus A. Gray] - HDH

Viorna (see **Clematis**)

Viticella (see **Clematis**)

Resedaceae - RSD

* Reseda lutea L. - Dorn01, GPF, HDH, KTZ, SFE, UTF, W&W, E
* Reseda luteola L. - KTZ, SFE, W&W, E
[NS - Collected recently in Jefferson County {fide WJ} in disturbed habitat, and in Weld County on the UNC campus, where it is well established around Ross Hall. Likely to be found elsewhere]

Rhamnaceae - RHM

Ceanothus fendleri A. Gray - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Ceanothus herbaceus Raf. - KTZ, SFE, W&W, E
[Ceanothus herbaceus Raf. var. pubescens (Torr. & A. Gray) Shinners] - GPF
[Ceanothus ovatus Desf] - HDH
Ceanothus martinii M. E. Jones - Dorn01, HDH, rep. IMF, KTZ, SFW, UTF, W&W, W
Ceanothus velutinus Douglas ex Hook. var. velutinus - IMF, KTZ, E/W
[Ceanothus velutinus Douglas] - Dorn01, GPF, SF!, UTF

Frangula (see **Rhamnus**)

Rhamnus betulifolia Greene - FCF, IMF, UTF
[Frangula betulifolia (Greene) Grubov subsp. betulifolia] - KTZ <AZ, NM, UT>
[Rhamnus betulaefolia Greene] - HDH, exp.
* Rhamnus cathartica L. - Dorn01, GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E
* Rhamnus frangula L. - IMF, E
[Frangula alnus Mill] - KTZ, SFE, W&W
Rhamnus smithii Greene - KTZ, SFW, W&W, W
[Rhamnus smithii Greene var. smithii] - HDH

Rosaceae - ROS

(Identification sources: _____)

Acomastylis (see **Geum**)

Agrimonia gryposepala Wallr. - KWA, M&H, KTZ, GPF, HDH exp.
Agrimonia striata Michx. - Dorn01, GPF, HDH, KTZ, SF!, W&W, E/W

{Alchemilla alpina L.} - HDH rep., KTZ, W&W labels mixed
Alchemilla vulgaris L. - KWA
[NS - See MacKay72, should confirm specimens, as otherwise only reported from New England and NE Canada]
[Alchemilla filicaulis subsp. vestita (Buser) M.E. Bradshaw] - KTZ
[Alchemilla minor Huds.] - M&H, KTZ
[Alchemilla vulgaris var. vestita (Buser) Murb.] - KTZ

Amelanchier alnifolia (Nutt.) Nutt. ex M. Roem. var. alnifolia - Dorn01, IMF, KTZ, E/W
[Amelanchier alnifolia Nutt.] - GPF, HDH, SF!, W&W
[Amelanchier alnifolia (Nutt.) Nutt.] - UTF
Amelanchier alnifolia (Nutt.) Nutt. ex Roem. var. pumila (Torr. & A. Gray) A. Nelson - Dorn01, E/W
[Amelanchier alnifolia Nutt.] - SF!, W&W
[Amelanchier alnifolia (Nutt.) Nutt.] - UTF
[Amelanchier alnifolia (Nutt.) Nutt. ex Roem. var. pumila (Nutt.) A. Nels] - IMF
[Amelanchier pumila (Torr. & A. Gray) Nutt. ex M. Roemer] - KTZ
[Amelanchier pumila Nutt. ex Torr. & A. Gray] - HDH
Amelanchier utahensis Koehne - Dorn01, HDH, SF!, UTF, W&W, E/W
[Amelanchier utahensis Koehne var. utahensis] - IMF, KTZ

Argentina (see **Potentilla**)

Armeniaca (see **Prunus**)

Cerasus (see **Prunus**)

Cercocarpus breviflorus Gray - KWA, JM
[Cercocarpus montanus var. paucidentatus (S. Wats.) F.L. Martin] - KTZ, M&H
[Cercocarpus paucidentatus (Wats.) Britt.] - M&H, KWA
Cercocarpus ledifolius Nutt. var. intercedens C. K. Schneid. - Dorn01, KTZ, W
[Cercocarpus ledifolius Nutt.] - SFW
[Cercocarpus ledifolius Nutt. ex Torr. & A. Gray var. intercedens C. K. Schneid] - IMF, possible hybrid
[Cercocarpus ledifolius Nutt. var. intermontanus N. H. Holmgren] - KTZ
[Cercocarpus ledifolius Nutt. ex Torr. & A. Gray var. intermontanus N. H. Holmgren] - IMF
Cercocarpus ledifolius Nutt. var. intricatus (S. Watson) M. E. Jones - Dorn01, W
[Cercocarpus intricatus S. Watson] - HDH, IMF, KTZ, SFW, W&W
Cercocarpus ledifolius Nutt. var. ledifolius - Dorn01, KTZ, W
[Cercocarpus ledifolius Nutt.] - SFW, UTF
[Cercocarpus ledifolius Nutt. ex Torr. & A. Gray] - HDH, W&W
[Cercocarpus ledifolius Nutt. ex Torr. & A. Gray var. ledifolius] - IMF
{Cercocarpus montanus Raf. var. argenteus (Rydb.) F. L. Martin} - GPF, KTZ, E/W
{Cercocarpus fothergilloides Kunth} - W&W[1], misid.
{Cercocarpus montanus Raf.} - HDH, **SF!**, W&W
Cercocarpus montanus Raf. var. montanus - IMF, KTZ, E/W
[Cercocarpus montanus Raf.] - Dorn01, HDH, SF!, UTF, W&W

Chamaerhodos erecta (L.) Bunge var. parviflora (Nutt.) C. L. Hitchc. - Dorn01, GPF, see IMF, E/W
[Chamaerhodos erecta (L.) Bunge] - IMF
[Chamaerhodes erecta (L.) Bunge subsp. nuttallii (Pickering) Hultén] - SF!
[Chamaerhodes erecta (L.) Bunge subsp. nuttallii (Pickering ex Rydb.) Hultén] - KTZ, W&W
[Chamaerhodos erecta Bunge var. parviflora (Nutt.) C. L. Hitchc.] - UTF
[Chamaerhodos nuttallii (Torr. & A. Gray) Pickering] - HDH

Coleogyne ramosissima Torr. -HDH, IMF, KTZ, **SFW,** UTF, W&W, **W**

Comarum (see **Potentilla**)

✣ Cotoneaster acutifolia Turcz. - Dorn01

Cowania (see **Purshia**)

Crataegus chrysocarpa Ashe var. chrysocarpa - KTZ, Phipps98
[Crataegus chrysocarpa Ashe] - Dorn01, HDH, IMF, UTF, W&W
[Crataegus columbiana Howell var. chrysocarpa (Ashe) Dorn] - RMC
[Crataegus rotundifolia Moench] - GPF
Crataegus douglasii Lindl. var. rivularis (Nutt.) Sarg. -IMF, UTF, E/W
[Crateegus douglasii Lindl.] - Dorn01 [but not for SRMR]
[Crataegus rivularis Nutt.] - Dorn01, HDH, KTZ, SF!, W&W
Crataegus erythropoda Ashe - Dorn01, HDH, IMF, KTZ, SF!, W&W, Phipps98, E/W
Crataegus macracantha Lodd. ex Loud. var. occidentalis (Britton) Eggleston - Dorn01, Phipps98, E/W
[Crataegus columbiana Howell var. occidentalis (Britton) Dorn] - RMC
[Crataegus macracantha Lodd. var. occidentalis (Britton) Eggleston] - SF!, W&W
[Crataegus succulenta Schrad. var. occidentalis (Britton) E. J. Palm] - GPF
[Crataegus succulenta Schrad. ex Link] - HDH, IMF, KTZ, UTF, W&W
Crataegus saligna Greene - HDH, KTZ, SFW, W&W, W, Phipps99
[NS - Tim Dickinson {pers. comm., 2007} indicates this species also occurs in Duschene Co., UT}, as such it is no longer counted as a regional endemic. See Beatty04 for its conservation assessment]
[Crataegus douglasii Lindl. var. duschesnesis S. L. Welsh] - UT3

Cylactis (see **Rubus**)

Dasiphora (see **Potentilla**)

Dryas octopetala L. var. hookeriana (Juz.) Breit. - Dorn01, IMF, UTF, E/W
[Dryas octopetala L.] - HDH
[Dryas octopetala L. subsp. hookeriana (Juz.) Hultén] - KTZ, SF!, W&W

Drymocallis (see **Potentilla**)

Erythrocoma (see **Geum**)

Fallugia paradoxa (D. Don) Endl. ex Torr. - KTZ, E
[Fallugia paradoxa (D. Don) Endl.] - GPF, HDH, IMF, SFE, UTF, W&W

Filipendula ulmaria (L.) Maxim. var. denudata (J. Presl & C. Presl) Hayne ex Maxim. - E
[Filipendula ulmaria (L.) Maxim subsp denudata (J. Presl & C Presl) Hayek] - KTZ
[Filipendula ulmaria (L.) Maxim. var. denudata (Hayne) Maxim.] - SFE

Fragaria vesca L. - Dorn01, E/W
[Fragaria americana (Porter) Britton] - HDH
[Fragaria vesca L. subsp. americana (Porter) Staudt] - KTZ
[Fragaria vesca L. var. americana Porter] - GPF
[Fragaria vesca L. subsp. bracteata (A. Heller) Staudt] - KTZ, SF!, W&W
[Fragaria vesca L. var. bracteata (A. Heller) R. J. Davis] - IMF, UTF
Fragaria virginiana Mill. - Dorn01, E/W
[Fragaria ovalis (Lehmann) Rydb] - HDH
[Fragaria virginiana Duchn.] - GPF
[Fragaria virginiana Mill subsp. glauca (S Watson) Staudt] - SF!, W&W
[Fragaria virginiana Duchn. subsp. glauca (S Watson) Staudt] - KTZ
[Fragaria virginiana Duchn. var. glauca S. Watson] - UTF
[Fragaria virginiana Mill. var glauca S. Watson] - IMF
[Fragaria virginiana Duchn. subsp. platypetala (Rydb.) Staudt] - KTZ
[Fragaria virginiana Mill. var. platypetala (Rydb.) H. M. Hall] - IMF

Geum

(Identification sources: _____)

Geum aleppicum Jacq. - Dorn01, GPF, IMF, KTZ, SF!, UTF, E/W
[Geum aleppicum Jacq. subsp. strictum (Aiton) Clausen] - W&W
[Geum strictum Aiton var. decurrens (Rydb.) Kearney & Peebles] - HDH
[Geum strictum Aiton var. strictum] - HDH
Geum macrophyllum Willd. var. perincisum (Rydb.) Raup - Dorn01, GPF, HDH, IMF, KTZ, E/W
[Geum macrophyllum Willd. subsp. macrophyllum] - SF!
[Geum macrophyllum Willd. subsp. perincisum (Rydb.) Hultén] - SF!
[Geum macrophyllum Willd. var. perincisum Raup] - W&W
Geum rivale L. - Dorn01, GPF, HDH, KTZ, SF!, W&W, E/W
Geum rossii (R. Br.) Ser. var. turbinatum (Rydb.) C. L. Hitchc. - Dorn01, IMF, KTZ, UTF, E/W
[Acomastylis rossii (R. Br.) Greene subsp. turbinata (Rydb.) W. A. Weber] - SF!, W&W
[Geum turbinatum Rydb.] - HDH
Geum triflorum Pursh var. ciliatum (Pursh) Fass. - Dorn01, GPF, IMF, KTZ, UTF, E/W
[Erythrocoma triflora (Pursh) Greene] - SF!, W&W
[Geum ciliatum Pursh var. ciliatum] - HDH
Geum triflorum Pursh var. triflorum - Dorn01, GPF, Hartman06, IMF, KTZ, UTF, E/W
[Erythrocoma triflora (Pursh) Greene] - SF!, W&W
[Geum ciliatum Pursh var. griseum (Greene) Kearney & Peebles] - HDH exp.

Holodiscus dumosus (Nutt. ex Hook.) A. Heller var. dumosus - IMF, E/W
[Holodiscus discolor (Pursh) Maxim.] - SF!, W&W!
[Holodiscus dumosus (Nutt.) A. Heller] - UTF
[Holodiscus dumosus (Nutt. ex Hook.) A. Heller] - Dorn01, KTZ, W&W
[Holodiscus dumosus (Nutt.) A. Heller var. australis (A. Heller) Ley] - HDH
[Holodiscus dumosus (Nutt.) A. Heller var. dumosus] - HDH
[Holodiscus microphyllus Rydb. var. microphyllus] - HDH

Ivesia gordonii (Hook.) Torr. & A. Gray - Dorn01, HDH, IMF, KTZ, SF!,UTF, W&W, E/W

* Malus pumila Mill. - Dorn01, HDH, IMF, KTZ,UTF
[NS - occasionally established outside of cultivation, e.g Poudre Canyon in Larmier Co., CO]
[Malus domestica Borkh.] - W&W

Oreobatus (see **Rubus**)

Padus (see **Prunus**)

Pentaphylloides (see **Potentilla**)

Peraphyllum ramosissimum Nutt. - HDH, IMF, KTZ, SFW, UTF, W
[Peraphyllum ramosissimum Nutt. ex Torr. & A. Gray] - W&W

Petrophyton caespitosum (Nutt.) Rydb. var. caespitosum - KTZ, W
[Petrophyton caespitosum (Nutt.) Rydb.] - Dorn01, IMF, SFW, UTF, W&W
[Petrophytun caespitosum (Nutt.) Rydb.] - GPF, UTF
[Spiraea caespitosa Nutt.] - HDH

Physocarpus alternans (M. E. Jones) Howell var. alternans - W
[Physocarpus alternans (M. E. Jones) Howell subsp. alternans] - KTZ
[Physocarpus alternans (M. E. Jones) Howell] - Dorn01, HDH, IMF, SFW, UTF, W&W
Physocarpus malvaceus (Greene) Kuntze - Dorn01, HDH exp., IMF, KTZ, UTF
Physocarpus monogynus (Torr.) J. M. Coult. - Dorn01, GPF, HDH, IMF, KTZ, SF!, W&W, E/W
Physocarpus opulifolius (L.) Maxim. var. intermedius (Rydb.) B. L. Rob. - KTZ, E
[Physocarpus intermedius (Rydb) C. K. Schneid] - HDH
[Physocarpus opulifolius (L.) Maxim] - SFE, W&W
[Physocarpus opulifolius (L.) Raf] - IMF, UTF
[Physocarpus opulifolius (L.) Raf. var. intermedius (Rydb.) B. L. Rob.] - GPF

Potentilla

(Identification sources: _____)

Potentilla ambigens Greene - Dorn01, HDH, KTZ, SFE, W&W, E
* Potentilla anglica Laicharding - IMF, KTZ, SFE, W&W, E
Potentilla anserina L. - Dorn01, GPF, IMF, UTF, E/W
[Argentina anserina (L.) Rydb.] - KTZ, SF!
[Argentina anserina (L.) Rydb. var. anserina] - W&W
[Argentina anserina (L.) Rydb. var. concolor (Ser.) Rydb.] - SFE, W&W
[Potentilla anserina L. var. anserina] - HDH
[Potentilla anserina L. var. sericea (L.) Hayne] - HDH
* Potentilla argentea L. var. argentea - KTZ, E
[Potentilla argentea L.] - Dorn01, GPF, SFE, W&W
Potentilla arguta Pursh var. arguta - IMF, UTF, E/W
[Drymocallis arguta (Pursh) Rydb] - SF!, W&W
[Potentilla arguta Pursh] - Dorn01, GPF
[Potentilla arguta Pursh subsp arguta] - HDH, KTZ
Potentilla arguta Pursh var. convallaria (Rydb.) T. F. Wolf - IMF, UTF, E/W
[Drymocallis arguta (Pursh) Rydb.] - SF!, W&W
[Potentilla arguta Pursh] - GPF

[Potentilla arguta Pursh subsp. convallaria (Rydb.) D. D. Keck] - HDH, KTZ

Potentilla biennis Greene - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Potentilla bipinnatifida Douglas ex Hook. - Dorn01, IMF, KTZ

[Potentilla pensylvanica L.] - GPF, HDH, W&W[1]

[Potentilla pensylvanica L. var. pensylvanica] - W&W

Potentilla concinna Richardson var. bicrenata (Rydb.) S. L. Welsh & B. C. Johnst. - Dorn01, KTZ, SF!, UTF, W&W, E/W

[Potentilla bicrenata Rydb.] - IMF

[Potentilla concinna Richardson] - HDH

Potentilla concinna Richardson var. concinna - Dorn01, GPF, KTZ, SF!, UTF, W&W, E/W

[Potentilla concinna Richardson] - HDH, IMF, SF!

[Potentilla concinna Richardson var. divisa Rydb.] - GPF

[Potentilla quinquefolia Rydb.] - HDH

Potentilla crinita A. Gray var. crinita - KTZ, W

[Potentilla crinita A. Gray] - HDH, IMF, SFW, UTF, W&W

Potentilla diversifolia Lehm. var. diversifolia - Dorn01, GPF, IMF, KTZ, UTF, E/W

[Potentilla diversifolia Lehm.] - HDH, SF!, W&W

Potentilla diversifolia Lehm. var. perdissecta (Rydb.) Hitchc. - Dorn01; Smith09?

Potentilla fissa Nutt. - Dorn01, GPF, HDH, Hartman06, IMF, KTZ, E/W

[Drymocallis fissa (Nutt.) Rydb.] - SF!, W&W

Potentilla fruticosa L. - GPF, HDH, UTF, E/W

[Dasiphora floribunda (Pursh) Raf.] - W&W[1]

[Dasiphora fruticosa (L.) Rydb. subsp. floribunda (Pursh) Kartesz] - KTZ

[Pentaphylloides floribunda (Pursh) A. Löve] - Dorn01, SF!, W&W

[Pentaphylloides fruticosa (L.) O. Schwarz] - IMF

{Potentilla glandulosa Lindl. var. glandulosa} - GPF, E/W

{Drymocallis glandulosa (Lindl.) Rydb.} - SF!, W&W

Potentilla glandulosa Lindl. var. intermedia (Rydb.) C. L. Hitchc.] - Dorn01, GPF, UTF

Potentilla glandulosa Lindl. var. pseudorupestris Rydb.) Breit. - Dorn01, GPF, IMF

Potentilla gracilis Douglas ex Hook. var. brunnescens (Rydb.) C. L. Hitchc. - Dorn01, KTZ, E/W

[Potentilla gracilis Douglas var. brunnescens (Rydb.) C. L. Hitchc.] - SF!

[Potentilla brunnescens Rydb] - HD

[Potentilla gracilis Douglas] - W&W

Potentilla gracilis Douglas ex Hook. var. elmeri (Rydb.) Jeps.] - Dorn01, IMF, GREE (*Johnston & Hedgcock 1012*)

[Potentilla pectinisecta Rydb.] - HDH, KTZ, W&W, err. rep.

Potentilla gracilis Douglas ex Hook. var. fastigiata (Nutt.) S. Watson - Dorn01, IMF, KTZ, E/W

[Potentilla gracilis Douglas var. glabrata (Lehm.) C. L. Hitchc.] - SF!

[Potentilla gracilis Douglas ex Hook. var. glabrata (Lehm.) C. L. Hithc.] - UTF, W&W[1], err. rep.

Potentilla gracilis Douglas ex Hook. var. flabelliformis (Lehm.) Nutt. ex Torr. & A. Gray - Dorn01, IMF, KTZ, W

[Potentilla flabelliformis Lehmann] - SFW, W&W

[Potentilla gracilis Douglas ex Hook.] - GPF

[Potentilla gracilis Douglas ex Hook. var. flabelliformis (Lehm.) Nutt. ex Torr. & A. Gray] - KTZ

Potentilla gracilis Douglas ex Hook. var. nuttallii (Lehm.) E. Sheld. - E/W

[Potentilla gracilis Douglas] - W&W

[Potentilla gracilis Douglas var. glabrata (Lehm) C. L. Hitchc.] - SF!

[Potentilla gracilis Douglas ex Hook. var. fastigiata (Nutt.) S. Watson] - IMF, KTZ

[Potentilla gracilis Douglas ex Hook subsp nuttallii (Rydb.) D. D Keck] - HDH

[Potentilla gracilis Douglas ex Hook var. glabrata (Lehm.) C. L. Hitchc.] - GPF, UTF

Potentilla gracilis Douglas ex Hook. var. pulcherrima (Lehm.) Fernald - IMF, UTF, E/W

[Potentilla gracilis Douglas ex Hook] - GPF

[Potentilla pulcherrima Lehm] - HDH, KTZ, SF!, W&W

Potentilla gracilis var. pulcherrima X P.hippiana
[Potentilla hippiana Lehm. var. hippiana X P. gracilis Douglas ex Hook var pulcherrima (Lehm) Fernald - SF!,
E W]
Potentilla hippiana Lehm. var. effusa (Dougl. ex Lehm.) Dorn - Dorn01
[Potentilla effusa Douglas] - KTZ, SF!
[Potentilla effusa Douglas ex Lehm] - W&W
[Potentilla effusa Douglas ex Lehm. var. effuse] - E/W
[Potentilla hippiana Lehm.] - KWA, M&H, GPF, HDH
Potentilla hippiana Lehm. var. hippiana - Dorn01, KTZ, E/W
[Potentilla hippiana Lehm.] - GPF, HDH, IMF, SF!, UTF, W&W
Potentilla hookeriana Lehm. - Dorn01, IMF, SF!, W&W, E/W
[Potentilla hookeriana Lehm subsp hookeriana] - KTZ
[Potentilla rubricaulis Lehm.] - UTF
Potentilla multisecta (Wats.) Rydb. - Dorn01
Potentilla nivea L. var. nivea - KTZ, E/W
[Potentilla nivea L.] - Dorn01, HDH, IMF, SF!, UTF, W&W
[Potentilla prostrata Rottboel subsp. floccosa Soják] - W&W[1]
Potentilla nivea L. var. pentaphylla Lehm. - KTZ
[Potentilla nivea L] - HDH, UTF, W&W
Potentilla norvegica L. subsp. monspeliensis (L.) Asch. & Graebn. - KTZ, E/W
[Potentilla monspeliensis L.] - HDH
[Potentilla norvegica L.] - Dorn01, GPF, IMF, SF!, UTF, W&W
[Potentilla norvegica L. var. hirsuta (Michx.) Lehm.] - see IMF
Potentilla ovina Macoun var. decurrens (S. Watson) S. L. Welsh & B. C. Johnst. - Dorn01, E/W
[Potentilla ovina Macoun] - SF!
[Potentilla ovina Macoun ex J. M. Macoun var. decurrens (S. Watson) S. L. Welsh & B. C. Johnst.] - IMF, KTZ
Potentilla ovina Macoun var. ovina - Dorn01, E/W
[Potentilla ovina Macoun] - SF!, W&W
[Potentilla ovina Macoun ex J. M. Macoun var ovina] - IMF, KTZ
Potentilla palustris (L.) Scop. - Dorn01, IMF, UTF, E/W
[Comarum palustre L.] - KTZ, SF!, W&W
Potentilla paradoxa Nutt. - Dorn01, GPF, IMF, KTZ, UTF, E
[Potentilla paradoxa Nutt. ex Torr. & A. Gray] - HDH
[Potentilla supina L. subsp. paradoxa (Nutt.) Soják] - SFE
[Potentilla supina L. subsp. paradoxa (Nutt. ex Torr. & A. Gray) Soják] - W&W
Potentilla pensylvanica L. var. pensylvanica - KTZ, UTF, W&W, E/W
[Potentilla pensylvanica L.] - Dorn01, GPF, HDH, IMF, SF!, W&W[1]
[Potentilla pensylvanica L. var. atrovirens (Rydb.) T. F. Wolf] - KTZ
[Potentilla pensylvanica L. var. ovium Jeps.] - KTZ
Potentilla plattensis Nutt. - Dorn01, IMF, KTZ, SF!, UTF, E/W
[Potentilla plattensis Nutt. ex Torr. & A. Gray] - HDH, W&W
[Potentilla plattensis Rydb.] - GPF
* Potentilla recta L. - Dorn01, GPF, KTZ, SFE, W&W, E
Potentilla rivalis Nutt. var. millegrana (Engelm. ex Lehm.) S. Watson - E/W
[Potentilla leucocarpa Rydb.] - HDH
[Potentilla rivalis Nutt.] - Dorn01, KWA, M&H, GPF, IMF, KTZ, SF!, UTF
[Potentilla rivalis Nutt. ex Torr. & A. Gray] - HDH, W&W
Potentilla rubricaulis Lehm. - Dorn01, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
[Potentilla rubricaulis Lehm. forma nana Clem. & E. G. Clem] - HDH
[Potentilla pensylvanica L. var. paucijuga (Rydb) S L Welsh & B. Johnst] - SF!, UTF, E/W
♦ Potentilla rupincola Osterh. - **ENDEMIC** <CO>, HDH, KTZ, SFE, W&W, E
[Potentilla effusa Douglas ex Lehm. var. rupincola (Osterhout) T. F. Wolf] - KTZ

Potentilla subjuga Rydb. - HDH, KTZ, SF!, W&W, E/W
Potentilla subviscosa Greene - HDH, IMF, SFE, W&W, E
[Potentilla subviscosa Greene var subviscosa] - KTZ
Potentilla thurberi A. Gray var. atrorubens (Rydb.) Kearny & Peebles - KWA, M&H, KTZ
[Potentilla atrorubens Rydb.] - KWA
Potentilla thurberi A. Gray var. thurberi - KWA, M&H
Potentilla uniflora Ledeb. - KTZ, SF!, W&W, E/W
[Potentilla nivea L] - HDH

Prunus

(Identification sources: _____)

Prunus americana Marshall - Dorn01, GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E
Prunus angustifolia Marshall var. angustifolia - KTZ, E
[Prunus angustifolia Marshall] - GPF, SFE, W&W
* Prunus armeniaca L. - GPF, IMF, KTZ, UTF
[Armeniaca vulgaris Lam.] - W&W
Prunus gracilis Engelm. & A. Gray - GPF, KTZ, SFE, W&W, E
Prunus pensylvanica L. f. - Dorn01, GPF, E
[Cerasus pensylvanica (L. f.) Loiseleur] - SFE, W&W
[Prunus pensylvanica L. f. subsp. corymbulosa (Rydb.) W. F. Wight] - HDH
[Prunus pensylvanica L. f. var. pensylvanica] - KTZ
[Prunus pensylvanica L. f. var. saximontana Rehd.] - KTZ
*Prunus persica (L.) Batsch - Hartman06
Prunus pumila L. var. besseyi (L. H. Bailey) Gleason - GPF, IMF, KTZ, E
[Cerasus pumila (L.) Michaux subsp. besseyi (L H. Bailey) W. A. Weber] - SFE, W&W
[Prunus besseyi L H. Bailey] - HDH, UTF
[Prunus pumila L. var. besseyi (L. H. Bailey) Waugh] - Dorn01
Prunus rivularis Scheele - GPF, KTZ, SFE, W&W, E
[Prunus reverchonii Sarg.] - KTZ
Prunus serotina Ehrhart var. rufula (Wooton & Standley) McVaugh - KWA, KTZ
[Padus rufula Wooton & Standley) - KWA
[Prunus serotina Ehrhart subsp virens var rufula (Woot. & Standl) McVaugh] - M&H
[Prunus virens var. rufula (Woot & Standl) Sarg.] - KWA, KTZ
Prunus serotina Ehrhart var. virens - KWA
[Padus virens Woot & Standl] - KWA
[Prunus virens (Woot. & Standl.) Shreve] - KTZ, M&H
Prunus virginiana L. var. melanocarpa (A. Nelson) Sarg. - Dorn01, HDH, IMF, KTZ, UTF, E/W
[Padus virginiana (L.) Mill. subsp. melanocarpa (A. Nelson) W. A. Weber] - SF!, W&W
[Prunus virginiana L.] - GPF

Purshia stansburiana (Torr.) Henr. - IMF, KTZ, SFW, W&W, W
[Cowania mexicana D Don] - HDH
[Purshia mexicana (D. Don) S. L. Welsh var stansburyana (Torr.) S. L. Welsh] - UTF
Purshia tridentata (Pursh) DC. - Dorn01, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Rosa

(Identification sources: _____)
Rosa acicularis Lindl. subsp. sayi (Schwein.) W. H. Lewis - GPF, KTZ, E/W

[Rosa acicularis Lindl.] - HDH, IMF
[Rosa engelmannii S. Watson] - HDH
[Rosa sayi Schweinitz] - Dorn01, SF!, W&W
Rosa arkansana Porter var. arkansana - KTZ, E
[Rosa arkansana Porter] - Dorn01, GPF, HDH, SFE, W&W
{Rosa arkansana Porter var. suffulta (Greene) Cockerell} - KTZ, attributed to W&W
* Rosa blanda Ait. var. blanda - GREE and RM (*Reif 3225*); Smith09?
* Rosa eglanteria L. - GPF, IMF, KTZ, UTF, E
[Rosa glauca Pourr.] - SFE
[Rosa rubiginosa L.] - W&W[1]
Rosa foetida Herrm. - FCF
Rosa x harisoni Rivers - Scheibout08
Rosa manca Greene - IMF, KTZ
[Rosa nutkana C. Presl] - HDH
[Rosa woodsii Lindl.] - W&W
[Rosa woodsii Lindl. var. ultramontana (S. Watson) Jeps.] - UTF
Rosa nutkana C. Presl - HDH, IMF, KTZ, SFW, W&W misid., W
[Rosa nutkana C. Presl var. hispida Fernald] - Dorn01, KTZ, UTF, W&W[1]
Rosa woodsii Lindl. var. ultramontana (S. Watson) Jeps. - IMF, KTZ, UTF, E/W
[Rosa woodsii Lindl] - Dorn01, GPF, HDH, SF!, W&W

Rubacer (see **Rubus**)

Rubus

(Identification sources: _____)

Rubus acaulis Michx. - Dorn01, HDH, E/W
[Cylactis arctica (L.) Raf. subsp. acaulis (Michx.) W. A. Weber] - SF!,
[Cylactis arctica (L.) W. A. Weber subsp. acaulis (Michx.) W. A. Weber] - W&W
[Rubus arcticus L. subsp. acaulis (Michx.) Focke] - KTZ
Rubus deliciosus Torr. - Dorn01, GPF, HDH, KTZ, E/W
[Oreobatus deliciosus E. James] - SFE
[Oreobatus deliciosus (E. James) Rydb.] - SFW
[Oreobatus deliciosus (E. James ex Torr.) Rydb.] - W&W
[Oreobatus deliciosus (E. James ex Torr.) Rydb. subsp. deliciosus] - W&W[1]
[Oreobatus deliciosus E James subsp. neomexicana (Rydb.) W. A. Weber] - SFE
* Rubus discolor Weihe & Nees - IMF, KTZ<AZ, NM, UT>, SFW, UTF, W&W[1], W
Rubus idaeus L. var. strigosus (Michx.) Maxim. - Dorn01, IMF
[Rubus idaeus L. var. aculeatissimus Regel & Tiling]- E/W
[Rubus idaeus L. subsp. melanolasius (Dieck) Focke] - SF!, UTF, W&W
[Rubus idaeus L. subsp. sachalinensis (H. Lév.) Focke var. sachalinensis] - GPF
[Rubus idaeus L. subsp. strigosus (Michx.) Focke] - KTZ
[Rubus strigosus Michx.] - HDH
Rubus idaeus L. var. peramoenus (Greene) Fern. - Dorn01
* Rubus laciniatus Willd. - Dorn01, IMF, KTZ, SFE, W&W, E
Rubus neomexicanus A. Gray - IMF, KTZ, UTF
[Oreobatus deliciosus (E. James ex Torr.) Rydb. subsp. neomexicanus (A. Gray) W. A. Weber] - W&W[1]
[Oreobatus rubicundus Wooton & Standl.] - W&W, misapp.
[Rubus [exrubricundus] exrubicundus L. H. Bailey] - HDH
✣ Rubus occidentalis L. - GPF, HDH, KTZ,SFE, W&W, E
[Rubus leucodermis Douglas ex Torr. & A. Gray] - HDH, exp., IMF

Rubus parviflorus Nutt. var. parviflorus - KTZ, UTF, E/W
[Rubacer parviflorum (Nutt) Rydb.] - SF!, W&W
[Rubus parviflorus Nutt] - Dorn01, GPF, HDH, IMF
Rubus pubescens Raf. var. pubescens - KTZ, E
[Cylactis pubescens (Raf.) W. A. Weber] - SFE, W&W
[Rubus pubescens Raf.] - Dorn01, GPF, HDH

* Sanguisorba minor Scop. subsp. muricata Briq. - E/W
[Sanguisorba minor Scop.] - Dorn01, IMF, SF!, UTF, W&W
[Sanguisorba minor Scop. subsp. muricata (Spach) Nordborg] - KTZ

Sibbaldia procumbens L. - Dorn01, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Sorbus dumosa Greene - KWA, M&H, KTZ
Sorbus scopulina Greene var. scopulina - IMF, KTZ, E/W
[Sorbus scopulina Greene] - Dorn01, GPF, HDH, SF!, UTF, W&W

Spiraea (see also **Petrophyton**)
Spiraea betulifolia Pall. var. lucida (Dougl. ex Hook.) C. L. Hitchc. - Dorn01
[Spiraea betulifolia subsp. lucida (Dougl ex Greene) Taylor & MacBryde] - KTZ
[Spiraea lucida Dougl. ex Greene] - KTZ
Spiraea douglasii Hook. var. menziesii (Hook.) C. Presl - KTZ, SFW, W&W, W
Spiraea X vanhoutii (Briot) Carriere - KTZ

Rubiaceae - RUB

(Identification sources: _____)

Asperula (see **Galium**)

Galium

(Identification sources: _____)

* Galium aparine L. var. aparine - Dorn01, HDH, IMF, UTF, E/W
[Galium aparine L.] - GPF, KTZ, SF!, W&W
* Galium aparine L. var. echinospermum (Wallr.) Farw. - Dorn01, HDH, IMF, UTF, E/W
[Galium aparine L.] - GPF, KTZ
[Galium aparine L. var. echinospermon (Wallr.) Farw.] - RMC
[Galium spurium L.] - SF!, W&W
Galium bifolium S. Watson - Dorn01, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Galium boreale L. - Dorn01, GPF, HDH, IMF, KTZ, UTF, E/W
[Galium septentrionale Roem. & Schult.] - SF!, W&W
Galium fendleri A. Gray - KWA, M&H, KTZ
Galium mexicanum Kunth var. asperrimum (A. Gray) Higgins & S. L. Welsh - UTF, E/W
[Galium mexicanum Kunth subsp. asperrimum (A. Gray) Dempster] -KTZ, SF!, W&W
Galium multiflorum Kellogg var. coloradoense (Wight) Cronquist - IMF, UTF, W
[Galium coloradoense W. F. Wight] - Dorn01, HDH, KTZ
[Galium coloradoënse W. F. Wight] - SFW, W&W
* Galium odoratum (L.) Scop. - KTZ, W&W

Galium proliferum A. Gray - HDH, exp., IMF, KTZ <AZ, NM, UT>, UTF, W&W
[Asperula odorata L.] - HDH
Galium trifidum L. subsp. columbianum (Rydb.) Hultén - KTZ
[Galium trifidum L.] - GPF, UTF
Galium trifidum L. var. subbiflorum Wiegand - IMF, E/W
[Galium brandegei A. Gray] - HDH
[Galium trifidum L.] - GPF
[Galium trifidum L. subsp. brevipes (Fernald & Wiegand) A. Löve & D. Löve] - SFW
[Galium trifidum L. subsp. subbiflorum (Wiegand) Piper] - KTZ
[Galium trifidum L. subsp. subbiflorum (Wiegand) Puff] - W&W
[Galium trifidum L. subsp. subbiflorum (Fernald & Wiegand) Puff] - SFE
[Galium subbiflorum (Wiegand) Rydb.] - HDH
Galium trifidum L. var. trifidum - IMF
[Galium trifidum L.] - Dorn01, GPF, HDH, UTF
[Galium trifidum L. subsp. trifidum] - KTZ
Galium triflorum Michx. - GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
*Galium verum L. - Dorn01, GPF, HDH, IMF, KTZ, SF!, W&W, E/W

Hedyotis nigricans (Lam.) Fosberg var. nigricans - KTZ, E
[Hedyotis nigricans (Lam.) Fosberg] - GPF, SFE, W&W

Ruppiaceae - RUP

Ruppia cirrhosa (Petagna) Grande - Dorn01, FNA, KTZ, E/W
[Ruppia cirrhosa (Petagna) Grande subsp. occidentalis (S. Watson) A. Löve & D. Löve] – SF!, W&W
[Ruppia maritima L.] - HDH, IMF, UTF, W&W[1], err. rep.
[Ruppia maritima L. var. occidentalis (S. Watson) Graebn.] - GPF
[Ruppia maritima L. var. rostrata J. Agardh] - GPF

Ruscaceae - RUS

Maianthemum racemosum (L.) Link var. amplexicaule (Nutt.) Dorn - Dorn01, E/W
[Maianthemum amplexicaule (Nutt.) W. A. Weber] - SF!, W&W
[Maianthemum racemosum (L.) Link] - W&W[1], err. rep.
[Maianthemum racemosum (L.) Link subsp. amplexicaule (Nutt.) LaFrankie] - FNA, KTZ
[Smilacina racemosa (L.) Desf.] - GPF, IMF, UTF
[Smilacina racemosa (L.) Desf. var. amplexicaulis (Nutt.) S. Watson] - HDH
[Smilacina amplexicaulis Nutt.] - FNA
[Unifolium amplexicaule (Nutt.) Greene] - FNA
[Vagnera amplexicauleis (Nutt.) Greene] - FNA
[Vagnera pallescens Greene] - FNA
Maianthemum stellatum (L.) Link] - KTZ, SF!, W&W, E/W
[Smilacina stellata (L.) Desf.] - GPF, HDH, IMF, UTF

Nolina
[NS - here following forthcoming treatment in the next version of the *Synthesis* by Kartesz]
Nolina greenei S. Watson ex Trel. - FNA, KTZ
Nolina microcarpa S. Watson -KTZ, FNA, HDH rep., IMF, KTZ, UTF, W&W, misapp.
[WJ - The FNA range map for N. microcarpa places it in ne NM; in my opinion it occurs no closer than se NM west of Truth or Consequences, and it is never e of the Rio Grande. The FNA placement of N. microcarpa in ne NM is probably based on misidentifications at UNM]

{Nolina texana S. Watson} - SFE, WJ, W&W, E

{WJ - I disagree with the treatment in FNA. There is no difference in the se CO plants called N greenei from those in sw NM, which are N. texana. I have seen the type of N greenei, which is little more than a couple of leaves (collected by Greene at Trinidad, CO, in Jan 1880)]

{Polygonatum biflorum (Walter) Elliott var. commutatum (Schult. & Schult. f.) Morong} - KTZ <KS, NE, NM, OK, WY>

{Polygonatum biflorum (Walter) Elliott} - GPF, RMC

{Polygonatum commutatum (Schutesf.) A. Dietr. ex Otto & A. Dietr.} - HDH, exp.

{Polygonatum commutatum (Schutesf.) A. Dietr.} - W&W

Rutaceae - RUT

Ptelea trifoliata L. - SFE, W&W, E

[WJ - our plants are distinct and should be called *P. angustifolia* Benth.]

[Ptelea baldwinii Torr. & A. Gray] - HDH

[Ptelea trifoliata L. subsp. pallida (Greene) V. L. Bailey var. confinis (Greene) V. L. Bailey] - IMF, KTZ

[Ptelea trifoliata L. subsp. polyadenia (Greene) V. L. Bailey] - GPF, KTZ

Thamnosma texana (A. Gray) Torr. - GPF, HDH, KTZ, SFE, W&W, E

[WJ - only specimens from CO are from over 100 years near Canon City; unaware of any populations in northern NM, thus likely extirpated in our area]

Salicaceae - SAL

(Identification sources: _____)

Populus X acuminata Rydb.- GPF, KTZ, SF!, UTF, E/W

[Populus angustifolia X P. deltoides] - KTZ

[Populus acuminata Rydb] - Dorn01, HDH, W&W

[Populus X andrewsii Sargent] - HDH

* Populus alba L. - Dorn01, GPF, KTZ, UTF

Populus angustifolia E. James - Dorn01, GPF, HDH, KTZ, SF!, UTF, W&W, E/W

Populus balsamifera L.- Dorn01, GPF, HDH, SF!, W&W

[Populus balsamifera L. var. balsamifera] - E/W

[Populus balsamifera L. subsp. balsamifera] - KTZ, UTF

Populus X brayshawii B. Boivin - GPF <CO>, KTZ

[Populus angustifolia X P. balsamifera] - KTZ

Populus X canadensis Moench - WY checklist, KTZ

[Populus canadensis var. eugenei (Simon-Louis) Schelle] - KTZ

[Populus canadensis var. serotina (T. Hartig) Rehd.] - KTZ

[Populus X eugenei Simon-Louis] - KTZ

[Populus euramericana Guinier] - KTZ

Populus deltoides W. Bartram ex Marshall var. occidentalis Rydb. - Dorn01, E

[Populus deltoides W Bartram ex Marshall subsp. monilifera (Aiton) Eckenw.] - KTZ

[Populus deltoides Marshall subsp monilifera (Aiton) Eckenw.] - GPF, SFE, W&W

[Populus deltoides Marshall var. occidentalis Rydb.] - UTF

[Populus sargentii Dode] - HDH

Populus deltoides W. Bartram ex Marshall var. wislizenii (S. Watson) Dorn - Dorn01, W

[Populus deltoides W Bartram ex Marshall subsp. wislizenii (S. Watson) Eckenw.] - KTZ

[Populus deltoides Marshall subsp wislizenii (S. Watson) Eckenw.] - SFW, W&W

[Populus fremontii S. Watson var. wislizenii S. Watson] - UTF

[Populus wislizenii (S. Watson) Sargent] - HDH

Populus fremontii S. Watson var. fremontii - UTF
[Populus fremontii S. Watson subsp fremontii] - KTZ, W&W
{Populus X intercurrens S. Goodrich & S. L. Welsh} - UT3
{NS – reported for CO by UT3, specimens not seen}
Populus X jackii Sarg. - GPF, KTZ, W&W
[Populus balsamifera X P. deltoides] - KTZ
* Populus nigra L. - GPF, KTZ, W&W
Populus tremuloides Michx. - GPF, HDH, KTZ, SF!, UTF, W&W, E/W

Salix

[See Argus07 for distribution maps with caveats regarding taxonomic recognition]

(Identification sources: _____)

* Salix alba L. var. vitellina (L.) Stokes - GPF, W&W, E/W
[Salix alba L.] - , Argus07, KTZ
[Salix alba L. var. vitellina (L.) Koch] - SF!
Salix amygdaloides Andersson - Argus07, Dorn01,GPF, KTZ, SF!, UTF, W&W, E/W
[Salix amygdaloides Andersson forma amydgaloides] - HDH
[Salix amygdaloides Andersson forma angustissima E. C. Sm.] - HDH
[Salix amygdaloides Andersson forma pilosciuscula C. K. Schneider] - HDH
Salix arctica Pall. var. petraea (Andersson) Bebb - Dorn01, E/W
[Salix anglorum Cham. var. antiplasta C. K. Schneider] - HDH
[Salix arctica Pall. subsp. petraea (Andersson) A. Löve, D. Löve, & B. M. Kapoor] -SF!, W&W
[Salix arctica Pall. var. petraea Andersson] - UTF
[Salix petrophila Rydb.] - Argus07, KTZ, W&W[1]
Salix arizonica Dorn - Argus07
[NS - absent from previous checklists]
* Salix babylonica L. - SF!, W&W, E/W
[Salix X pendulina Wender.] - KTZ
[Salix fragilis X ?S. sepulcralis] - KTZ
[Salix X sepulcralis Simonk.] - KTZ
[Salix alba X ?S. pendulina] - KTZ
{Salix barclayi Anderss.} - KTZ, W&W[1] err. rep.
Salix bebbiana Sarg. - Argus07, Dorn01, KTZ, SF!, UTF, W&W, E/W
[Salix bebbiana Sarg. var. bebbiana] - GPF, HDH, RMC
[Salix bebbiana Sargent var. perrostrata (Rydb.) C. K. Schneid.] - GPF, HDH
Salix boothii Dorn - Argus07, Dorn01, KTZ, SF!, UTF, W&W, E/W
[Salix pseudocordata (Andersson) Rydb.] - HDH
Salix brachycarpa Nutt. var. brachycarpa - HDH, KTZ, UTF, E/W
[Salix brachycarpa Nutt.] - Dorn01, SF!, W&W
[Salix brachycarpa Nutt. subsp. brachycarpa] - Dorn97
[Salix brachycarpa Nutt. var. antimima Raup] - HDH
[Salix brachycarpa Nutt. var. sansonii C. R. Ball] - HDH
[Salix glauca L. var. glabrescens (Andersson) C. K. Schneid.] - HDH
[Salix pseudolapponum Seem.] - HDH
Salix calcicola Fernald & Wiegand var. glandulosior B. Boivin- Argus07
[Salix calcicola Fernald & Wiegand] - Snow07b, KTZ, SFE, Dorn97, E/W
[Salix lanata L. subsp. calcicola (Wiegand) Hultén] - SFW
[Salix lanata L. subsp. calcicola (Fernald & Wiegand) Hultén] - W&W
Salix candida Flüeggé ex Willd. - Argus07, Dorn01, KTZ, E/W
[Salix candida Flüeggé] - GPF, HDH, SF!, W&W

Salix cascadensis Cockerell - Argus07, Dorn01, HDH rep., KTZ, SF! exp., UTF, W&W err. rep.,

{Salix cordifolia Pursh var. callicarpaea (Trautv.) Fernald} - HDH, W&W, err. rep.

{Salix glauca L. subsp. callicarpaea (Trautv.) Bocher} - KTZ

Salix discolor Muhl. - Argus07, Dorn01, KTZ

[Salix ancorifera Fern.] - KTZ
[Salix conformis Forbes]- KTZ
[Salix crassa Barratt] - KTZ
[Salix discolor var. overi Ball] - KTZ
[Salix discolor var. prinoides (Pursh) Andress.] - KTZ
[Salix discolor var. rigidior (Anderss) Schneid.] - KTZ
[Salix fuscata Pursh] - KTZ
[Salix prinoides Pursh] - KTZ
[Salix sensitiva Barratt] - KTZ
[Salix squamata Rydb] - KTZ

Salix drummondiana Barr. ex Hook. - Dorn01, KTZ, UTF, E/W

[Salix drummondiana Barr] - SF!, W&W
[Salix subcoerulea Piper] - HDH

Salix eriocephala Michx. var. famelica (C. R. Ball) Dorn - Dorn01, E/W

[Salix lutea Nutt.] - Argus07, GPF, KTZ, SF!, W&W, W&W[1]
[Salix lutea Nutt. var. famelica C. R. Ball] - HDH

Salix eriocephala Michx. var. ligulifolia (C. R. Ball) Dorn - Dorn01, E/W

[Salix ligulifolia C R. Ball] - Argus07, SF[1]
[Salix ligulifolia (C R Ball) C. R. Ball ex C. K. Schneid] - KTZ
[Salix ligulifolia (C. R. Ball ex C. K. Schneid.) C. R. Ball ex E. C. Smith] - W&W[1]
[Salix lutea Nutt. var. ligulifolia C R. Ball] - HDH

Salix eriocephala Michx. var. watsonii (Bebb) Dorn - Dorn01, E

[Salix eriocephala Michx.] - SFE
[Salix ligulifolia (C. R. Ball ex C. K. Schneid.) C. R. Ball ex E. C. Smith] - W&W[1]
[Salix lutea Nutt.] - GPF, KTZ, W&W
[Salix lutea Nutt. var. lutea] - HDH
[Salix lutea Nutt. var. platyphylla C. R. Ball] - HDH
[Salix lutea Nutt. var. watsonii (Bebb) Cronq.] - UTF
[Salix rigida Muhl. var. watsonii (Bebb) Cronquist] - W&W

Salix exigua Nutt. - KTZ, SF!

[Salix exigua Nutt. subsp. exigua] - Argus07, GPF, W&W
[Salix exigua Nutt. subsp. exigua var exigua] - UTF, Dorn97
[Salix exigua Nutt. var. exigua] - Dorn01, HDH, E/W
[Salix exigua Nutt. subsp. exigua var stenophylla (Rydb) C. K. Schneid.] - UTF
[Salix exigua Nutt. var. luteosericea (Rydb) C. K. Schneid] - HDH
[Salix exigua Nutt. var. stenophylla (Rydb) C. K. Schneid.] - HDH
[Salix linearifolia Rydb.] - HDH
[Salix exigua Nutt.] - SF[1]
[Salix exigua Nutt. subsp. interior (Rowlee) Cronquist] - GPF, W&W, Dorn97
[Salix exigua Nutt. var. pedicellata (Andersson) Cronquist] - E/W
[Salix interior Rowlee] - KTZ
[Salix interior Rowlee var. interior] - HDH
[Salix interior Rowlee var. pedicellata (Andersson) C. R. Ball] - HDH

Salix famelica (C. R. Ball) Argus - Argus07

[Salix lutea Nuttall var. familica C. R. Ball] - Argus07

* Salix fragilis L. - Dorn01,GPF, HDH, KTZ, SF!, UTF, W&W, E/W

[NS - not included in our region by Argus07; needs further study]

Salix geyeriana Andersson - Argus07, Dorn01, KTZ, SF!, W&W, E/W

[Salix geyeriana Andersson var. argentea (Bebb) C. K. Schneid.] - HDH

[Salix geyeriana Andersson var. geyeriana] - HDH, UTF

Salix glauca L. var. villosa Andersson - Dorn01, E/W

[Salix brachycarpa Nutt.] - W&W[1]

[Salix glauca L.] - Argus07 [as "s.l."], SF!

[Salix glauca L subsp glauca var. villosa (D. Don ex Hook.) Andersson] - KTZ

[Salix glauca L. var. villosa (Hook.) Andersson] - UTF

Salix gooddingii C. R. Ball - Argus07, KTZ, SFW, UTF, W&W, Dorn97, W

[Salix nigra Marsh] - GPF

Salix interior Rowlee - Argus07

[NS - relationship to names under S. exigua should be re-examined for our region]

Salix irrorata Andersson - Argus07, Dorn01, HDH, KTZ, SFE, W&W[1], E

Salix lasiandra Benth. var. caudata (Nutt.) Sudw. - Argus07, Dorn01, E/W

[Salix caudata (Nutt.) A Heller var caudata] - HDH

[Salix lucida Muhl subsp caudata (Nutt.) E Murray] - KTZ, W&W

[Salix lucida Muhl subsp caudata (Nutt) Argus] - SF!, UTF

Salix lasiandra Benth. var. lasiandra - Argus07, Dorn97, E/W

[Salix caudata (Nutt.) A. Heller var. bryantiana C. R. Ball & Bracelin] - HDH

[Salix lasiandra Benth.] - HDH

[Salix lucida Muhl. subsp. lasiandra (Benth.) Argus - SF!

[Salix lucida Muhl. subsp. lasiandra (Benth.) E. Murray] - KTZ, W&W

{Salix lemmonii Bebb} - Dorn01, KTZ <CO, WY>

{NS - voucher for our area not seen}

{Salix lucida Muhl.} - GPF, HDH, W&W, err. rep.

{Salix lucida Muhl subsp lucida}- KTZ <KS>, W&W[1], err. rep.

* Salix matsudana Koidz. - KTZ, SF!, W&W, E/W

[Salix matsudana Koidz. forma tortuosa Rehd.] - UTF

[Salix matsudana Koidz. forma umbraculifera Rehd.] - UTF

Salix melanopsis Nutt. - Argus07, Dorn01, KTZ, SF!, W&W[1], misid, E/W

Salix monticola Bebb - Argus07, Dorn01, HDH, KTZ,SF!, W&W, E/W

[Salix barclayi Andersson var. barclayi] - HDH

[Salix barclayi Andersson var hebecarpa Andersson] - HDH

[Salix monticola Bebb ex J. M. Coult.] - UTF

[Salix pseudomonticola C. R. Ball] - GPF, SF!

[Salix pseudomonticola C R. Ball var. padophylla (Rydb.) C R Ball] - HDH

[Salix pseudomonticola C. R. Ball var. pseudomonticola] - HDH

Salix myrtillifolia Andersson var. myrtillifolia - Dorn97, E/W

[Salix myrtillifolia Andersson] - Argus07, KTZ, SF!, W&W

Salix nigra Marshall - Argus07, KTZ, SFE, W&W[1], Dorn97, E

{Salix orestera Schneid.} - KTZ

Salix pentandra L. - Argus07, GPF, KTZ, UTF

Salix petiolaris J. E. Sm. - Argus07, GPF, HDH, KTZ, Dorn97, E

[Salix gracilis Andersson] - SFE, W&W

Salix planifolia Pursh var. planifolia - Dorn01, E/W

[Salix planifolia Pursh] - Argus07, GPF, SF!, W&W

[Salix planifolia Pursh subsp planifolia] - KTZ

[Salix planifolia Pursh subsp planifolia (Pursh) Hiitonen var. monica (Bebb) Jeps.] - UTF

[Salix planifolia Pursh subsp planifolia var planifolia] - UTF

[Salix planifolia Pursh var monica (Bebb) C K. Schneid] - HDH

[Salix planifolia Pursh var nelsonii (C. R. Ball) C R Ball] - HDH

{Salix X princeps-ourayi L. Kelso} - KTZ (Argus pers. comm.)

[Salix glauca X S. monticola] - KTZ

* {Salix purpurea L.} - HDH, KTZ,SFE, UTF, W&W, E

Salix reticulata L. var. reticulate - KTZ

[Salix nivalis Hook.] - Argus07, W&W[1]
[Salix reticulata L. subsp. reticulata] - KTZ

Salix reticulata L. var. nana Andersson - Dorn01, E/W
[Salix nivalis Hook.] - KTZ, W&W[1]
[Salix nivalis Hook var. nivalis] - HDH
[Salix nivalis Hook. var. saximontana (Rydb.) C. K. Schneid] - HDH
[Salix reticulata L subsp nivalis (Hook.) A. Löve, D. Löve, & B. M. Kapoor] - SF!, W&W, Dorn97
[Salix reticulata L. var nivalis (Hook.) Andersson] - UTF

{Salix X rubens Schrank} - KTZ, UTF
[Salix alba X S. fragilis} - KTZ

Salix scouleriana Barratt ex Hook. - Argus07, Dorn01, KTZ, W&W, E/W
[Salix scouleriana Barr.] - GPF, HDH, SF!, UTF

Salix serissima (L. H. Bailey) Fernald - Argus07, Dorn01, GPF, HDH, KTZ, SF!, W&W, E/W

Salix wolfii Bebb var. wolfii - Argus07, Dorn01, HDH, UTF, E/W
[Salix wolfii Bebb] - KTZ, SF!, W&W

{Salix wolfii Bebb var. idahoensis C. R. Ball} - HDH, Dorn97
{Salix wolfii Bebb} - KTZ, W&W

Sambucaceae - SAM

✣ Sambucus canadensis L. var. canadensis - E
[Sambucus canadensis L.] - Dorn01, GPF, HDH, SFE, UTF, W&W
[Sambucus nigra L. subsp. canadensis (L.) R. Bolli] - KTZ

Sambucus cerulea Raf. - Dorn01, IMF, E/W
[Sambucus caerulea Raf] - UTF
[Sambucus cerulea Raf. var. cerulea] - KTZ
[Sambucus coerulea Raf.] - HDH, SF!, W&W
[Sambucus nigra L. subsp cerulea (Raf) R Bolli] - KTZ

Sambucus racemosa L. var. melanocarpa (A. Gray) McMinn - Dorn01, KTZ, UTF, E/W
[Sambucus melanocarpa A. Gray] - HDH
[Sambucus microbotrys Rydb.] - W&W
[Sambucus racemosa L. subsp. pubens (Michx.) House var. melanocarpa (A. Gray) McMinn] - IMF

Sambucus racemosa L. var. microbotrys (Rydb.) Kearn. & Peeb. - Dorn01, UTF, E/W
[Sambucus microbotrys Rydb.] - SF!, W&W
[Sambucus racemosa L. subsp. pubens (Michx.) House] - GPF
[Sambucus racemosa L. subsp. pubens (Michx.) House var. microbotrys (Rydb.) Kearn. & Peeb.] - IMF, KTZ
[Sambucus racemosa L. var. racemosa] - KTZ

{Sambucus racemosa L. var. racemosa} - KTZ
{Sambucus pubens Michx } - HDH, W&W, err.
{Sambucus racemosa L subsp pubens (Michx) House} - GPF
{Sambucus racemosa L subsp pubens (Michx) House var. pubens (Michx.) Koehne}
{Sambucus racemosa L subsp pubens (Michx) House var. leucocarpa (Torr & A. Gray) Cronquist}

Santalaceae - SAN (including **Viscaceae;** excluding **Loranthaceae**)

Comandra umbellata (L.) Nutt. var. pallida (A. DC.) M. E. Jones - Dorn01, IMF, UTF, E/W
[Comandra umbellata (L.) Nutt.] - HDH, SF!
[Comandra umbellata (L.) Nutt. subsp. pallida (A. DC.) Piehl] - GPF, KTZ, W&W

Sapindaceae - SAP (including **Aceraceae, Hippocastanaceae**)

Acer ginnala Maxim. - WY checklist

Acer glabrum Torr. var. glabrum - HDH, IMF, KTZ, UTF, E/W
[Acer glabrum Torr.] - GPF, SF!, W&W
[Acer glabrum Torr. var. neomexicanum (Greene) Kearney & Peebles] - HDH, KTZ
[Acer glabrum Torr. var tripartitum (Nutt.) Pax] - HDH
[Acer glabrum Torr. forma trisectum Sarg] - SF!
Acer grandidentatum Nutt. var. grandidentatum - KTZ, W
[Acer grandidentatum Nutt.] - IMF, SFW, UTF
[Acer grandidentatum Nutt. ex Torr. & A. Gray] - HDH, W&W
Acer negundo L. var. interius (Britton) Sarg. - Dorn01, GPF, HDH, IMF, KTZ, E/W
[Acer negundo L. var. interior (Britton) Sarg.] - UTF
[Negundo aceroides Moench subsp. interius (Britton & Shafer) A. Löve & D. Löve] - SF!
[Negundo aceroides (L.) Moench subsp. interius (Britton & Shafer) A. Löve & D. Löve] - W&W
✣Acer negundo L. var. violaceum (Kirchn.) Jaeger - Dorn01, GPF, KTZ, E/W
[Acer negundo L. var. violaceum Jaeger & Beissn] - HDH
[Acer negundo L. var. violaceum (Kirchn) Jaeger] - RMC
[Negundo aceroides Moench subsp violaceus (Kirchn.) W. A. Weber] - SFE
[Negundo aceroides Moench subsp violaceum (Kirchn.) W. A. Weber] - SFW
[Negundo aceroides (L) Moench subsp violaceus (Kirchn) W. A. Weber] - W&W

Aesculus glabra Willd. - WY checklist
[Aesculus glabra Willd. var. arguta (Buckl.) B. L. Robinson] - KTZ

Negundo (see **Acer**)

Sapindus saponaria L. var. drummondii (Hook. & Arn.) L. D. Benson - GPF, IMF, KTZ, SFE, UTF, E
[Sapindus drummondii Hook & Arn.] - HDH, W&W

Sarcobataceae - SRB

Sarcobatus vermiculatus (Hook.) Torr. var. vermiculatus - Dorn01, UTF, E/W
[Sarcobatus vermiculatus (Hook.) Torr.] - GPF, HDH, KTZ, SF!, W&W

Saururaceae - SRR

✣Anemopsis californica Hook. & Arn. - FNA, E
[Anemopsis californica Hook] - SFE, W&W
[Anemopsis californica (Nutt) Hook. & Arn.] - GPF, KTZ, UTF
[Anemopsis californica Hook. var. subglabrata L. Kelso] - HDH

Saxifragaceae - SAX (see also **GRS, HDR, PAR**)

(Identification sources: _____)

Boykinia jamesii (Torr.) Engler - E, Dorn01 <reportedly in Albany Co, WY>
[Saxifraga jamesii Torr.] - HDH
[Telesonix jamesii (Torr.) Raf.] - GPF, KTZ, SFE, W&W
[Telesonix jamesii (Torr.) Raf. var. jamesii] - IMF, UTF

Chrysosplenium tetrandrum (Lund ex Malmgr.) Th. Fr. - KTZ, E/W
[Chrysosplenium tetrandrum (N. Lund) Th. Fr.] - W&W

[Chrysosplenium tetrandrum Th. Fr.] - HDH, SF!

Ciliaria (see **Saxifraga**)

Conimitella williamsii (D. C. Eaton) Rydb. - IMF, KTZ, SF!, W&W, E/W

Heuchera bracteata (Torr.) Ser. - Dorn01, HDH, KTZ, SF!, W&W, E/W
♦ Heuchera hallii A. Gray - **ENDEMIC <CO, NM>**, HDH, Hartman06, KTZ, SFE, W&W, E
Heuchera novomexicana Wheelock - KWA, M&H, KTZ
Heuchera parvifolia Nutt. ex Torr. & A. Gray - Dorn01, HDH, E/W
[Heuchera nivalis Rosendahl, Butters, & Lakela] - HDH
[Heuchera parvifolia Nutt] - IMF, SF!
[Heuchera parvifolia Nutt. var utahensis (Rydb) Garrett] - UTF
[Heuchera parvifolia Nutt ex Torr & A Gray var flavescens (Rydb.) Rosendahl, Butters, & Lakela] - KTZ
[Heuchera parvifolia Nutt. ex Torr. & A. Gray var major Rosendahl, Butters, & Lakela] - KTZ
[Heuchera parvifolia Nutt ex Torr & A Gray var microcarpa Rosendahl, Butters, & Lakela] - KTZ
[Heuchera parvifolia Nutt. var nivalis (Rosendahl) A Löve, D Löve, & B. M. Kapoor] - SF!
[Heuchera parvifolia Nutt ex Torr. & A Gray var nivalis (Rosendahl, Butters, & Lakela) A Löve, D Löve, & B M. Kapoor] - KTZ
[Heuchera parvifolia Nutt ex Torr & A Gray var nivalis (Rosendahl) A Löve, D Löve, & B. M. Kapoor] - W&W
[Heuchera parvifolia Nutt. ex Torr. & A. Gray var. parvifolia] - KTZ, W&W
[Heuchera parvifolia Nutt. ex Torr. & A. Gray var. utahensis (Rydb.) Garrett] - KTZ
Heuchera richardsonii R. Br. - Dorn01, HDH, KTZ, SFE, W&W, E
[Heuchera richardsonii R. Br. var. richardsonii] - GPF
Heuchera rubescens Torr. var. rubescens - KTZ, UTF, W
[Heuchera rubescens Torr.] - IMF, SFW, W&W
Heuchera rubescens Torr. var. versicolor (Greene) M. G. Stewart - KTZ, UTF, E
[Heuchera rubescens Torr.] - IMF
[Heuchera versicolor Greene] - SFE, W&W

Hirculus (see **Saxifraga**)

Lithophragma glabrum Nutt. var. ramulosum (Suksd.) B. Boivin - Dorn01, E/W
[Lithophragma bulbifera Rydb.] - GPF, HDH
[Lithophragma glabra Nutt. var. ramulosa (Suksd.) Goodrich] - UTF
[Lithophragma glabrum Nutt.] - IMF, KTZ, SF!, W&W
Lithophragma parviflorum (Hook.) Nutt. ex Torr. & A. Gray - Dorn01, IMF, W&W, E/W
[Lithophragma parviflora (Hook.) Nutt.] - UTF
[Lithophragma parviflora (Hook.) Nutt. ex Torr. & A. Gray] - HDH
[Lithophragma parviflorum (Hook) Nutt] - GPF, SF!
[Lithophragma parviflorum (Hook) Nutt. ex Torr. & A. Gray var. parviflorum] - KTZ
Lithophragma tenellum Nutt. - Dorn01, IMF, KTZ, SF!, W&W, E/W
[Lithophragma tenella Nutt.] - UTF
[Lithophragma tenella Nutt. ex Torr. & A. Gray] - HDH

Micranthes (see **Saxifraga**)

Mitella pentandra Hook. - Dorn01, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Mitella stauropetala Piper var. stenopetala (Piper) Rosend. - KTZ, SF!,UTF, W&W, E/W
[Mitella stauropetala Piper] - Dorn01, HDH rep., IMF
[Mitella stenopetala Piper] - HDH

Muscaria (see **Saxifraga**)

Parnassia (see **PAR**)

Saxifraga (see also **Boykinia**)

(Identification sources: _____)

Saxifraga adscendens L. var. oregonensis (Raf.) Breit. - IMF, UTF, E/W
- [Muscaria adscendesn (L) Small] - SF!, W&W
- [Saxifraga adscendens L.] - HDH
- [Saxifraga adscendens L. subsp. oregonensis (Raf.) Bacig.] - KTZ

Saxifraga bronchialis L. var. austromontana (Wiegand) Piper ex G. N. Jones - Dorn01, E/W
- [Ciliaria austromontana (Wiegand) W. A. Weber) - SF!, W&W
- [Saxifraga bronchialis L.] - HDH
- [Saxifraga bronchialis L. subsp. austromontana (Wiegand) Piper] - KTZ
- [Saxifraga bronchialis L. var. austromontana (Wiegand) G. N. Jones] - IMF, UTF

Saxifraga cernua L. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Saxifraga cespitosa L. subsp. delicatula (Small) Porsild - KTZ, E/W
- [Muscaria delicatula Small] - SF!, W&W
- [Saxifraga caespitosa L.] - HDH
- [Saxifraga caespitosa L. subsp delicatula (Small) Porsild] - KTZ
- [Saxifraga cespitosa L.] - IMF

Saxifraga cespitosa L. subsp. monticola (Small) Porsild - E/W
- [Muscaria micropetala Small] - SF!
- [Muscaria micropetala (Small) Fedde] - W&W
- [Muscaria monticola Small] - SF!
- [Muscaria monticola (Small) Fedde] - W&W
- [Saxifraga caespitosa L. var. minima Blank.] - UTF
- [Saxifraga caespitosa L. subsp. monticola (Small) Porsild] - KTZ
- [Saxifraga cespitosa L.] - Dorn01, IMF
- [Saxifraga cespitosa L. var. minima Blank] - RMC

Saxifraga chrysantha A. Gray - HDH, KTZ, UTF, E/W
- [Hirculus serpyllifolius (Pursh) W. A. Weber subsp. chrysantha (A. Gray) W. A. Weber] - W&W[1]
- [Hirculus serpyllifolius (Pursh) W. A. Weber subsp chrysanthus (A. Gray) W A. Weber] - SF[1]
- [Saxifraga serpyllifolia Pursh var chrysantha (A. Gray) Dorn] - IMF

Saxifraga flagellaris Willd. ex Sternb. var. crandallii (Gand.) Dorn - Dorn01, E/W
- [Hirculus platysepalus (Trautv.) W. A. Weber subsp. crandallii (Gand.) W. A. Weber]- SF!, W&W
- [Saxifraga flagellaris Willd.] - HDH, UTF
- [Saxifraga flagellaris Willd. ex Sternb.] - IMF
- [Saxifraga flagellaris Willd. ex Sternb. subsp. crandallii (Gand.) Hultén] - KTZ
- [Saxifraga platysepala (Trautv.) Tolm.] - KTZ

Saxifraga foliolosa R. Br. - KTZ, E
- [Saxifraga vreelandii (Small) Fedde] - HDH, rep.
- [Spatularia foliolosa (R. Br.) Small] - SFE, W&W

Saxifraga hirculus L. subsp. coloradensis Hedd. - E/W
- [Hirculus prorepens (Fisch.) A. Löve & D. Löve] - SF!
- [Hirculus prorepens (Fisch. ex Sternberg) A. Löve & D. Löve] - W&W
- [Saxifraga hirculus L.] - IMF, UTF
- [Saxifraga hirculus L. subsp. hirculus] - KTZ

Saxifraga occidentalis S. Watson - Dorn01, GPF, IMF, KTZ

Saxifraga odontoloma Piper - Dorn01, IMF, KTZ, UTF, E/W

[Micranthes odontoloma (Piper) A. Heller] - W&W
[Micranthes odontoloma (Piper) W. A. Weber] - SF!
[Saxifraga arguta D. Don] - HDH

Saxifraga oregana Howell - HDH, IMF, KTZ, E/W
[Micranthes oregana (Howell) Small] - SF!, W&W
[Saxifraga montanensis Small] - HDH

Saxifraga rhomboidea Greene - Dorn01, HDH, IMF, KTZ, UTF, E/W
[Micranthes rhomboidea (Greene) Small] - SF!, W&W

Saxifraga rivularis L. var. debilis (Engelm. ex A. Gray) Dorn - Dorn01
[NS - Jørgensen06 recognizes S. rivularis, S. debilis, and S. hyperborea all as distinct]
[Saxifraga rivularis L.] - IMF, KTZ, W&W, E/W
[Saxifraga debilis Engelm.] - HDH, UTF
[Saxifraga hyperborea R. Br. subsp. debilis (Engelm.) A. Löve, D. Löve, & B. M. Kapoor] - SF!
[Saxifraga hyperborea R. Br. subsp. debilis (Engelm. ex A. Gray) A. Löve, D. Löve, & B. M. Kapoor] - W&W
[Saxifraga rivularis L. var. flexuosa (Sternb.) Engl. & Irmsch.] - RMC

Saxifraga serpyllifolia Pursh var. chrysantha (Gray) Dorn - Dorn01, KTZ
[Hirculus serpyllifolius subsp chrysanthus (Gray) W.A Weber] - KTZ
[Saxifraga serpyllifolia subsp chrysantha (Gray) W.A. Weber] - KTZ
[Saxifraga chrysantha Gray] - KTZ

Spatularia (see **Saxifraga**)

Sullivantia hapemanii (J. M. Coult. & Fish.) J. M. Coult. var. hapemanii - Dorn01, KTZ

♦Sullivantia hapemanii (J. M. Coult. & Fish.) J. M. Coult. var. purpusii (Brand) Soltis - **ENDEMIC** **<CO>**, KTZ, W
[Sullivantia hapemanii (J. M. Coult. & Fish.) J. M. Coult.] - SFW
[Sullivantia hapemanii (J. M. Coult. & Fish.) J. M. Coult. var. purpusii (Brandegee) Soltis] - W&W
[Sullivantia purpusii (Brandegee) Rosendahl] - HDH

Telesonix (see **Boykinia**)

Scrophulariaceae - SCR (see also **ORO, PHR, PTG)**

(Identification sources: _____)

Scrophularia lanceolata Pursh - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

*Verbascum blattaria L. - GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E
*Verbascum phlomoides L. - HDH, exp., KTZ, SFE, W&W, E
*Verbascum X pterocaulon Franch. - KTZ, SFE, E
[WJ - always sterile]
[Verbascum blattaria X V. thapsus] - KTZ
[Verbascum pterocaulon Franch] - W&W
*Verbascum thapsus L. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
[WJ - seems to also hybridize with V. phlomoides but no specimens in herbaria]

Simaroubaceae - SMR

*Ailanthus altissima (Mill.) Swingle - GPF, IMF, KTZ, SF!, UTF, W&W, E/W

Smilacaceae - SML

Smilax herbacea L. var. lasioneuron (Hook.) A. DC. - Dorn01, HDH
[Coprosmanthus lasionueron (Hook.) Kunth] - FNA
[Nemexia herbacea (L.) Sm. subsp. melica A. Nels.] - FNA
[Nemexia lasioneura (Hook.) Rydb.] - FNA
[Nemexia tenuis (Sm.) Sm.] - FNA
[Smilax diversifolia Sm.] - FNA
[Smilax herbacea L. var indora M. E. Jones] - FNA
[Smilax herbacea L. var. lasioneuron (Small) Rydb.] - GPF
[Smilax herbacea L. subsp. lasioneura (Hook.) Á. Löve & D. Löve] - FNA
[Smilax lasioneura Hook.] - FNA, KTZ, SFE, W&W, E
[Smilax tenuis Sm.] - FNA

Solanaceae - SOL

(Identification sources: _____)

✣Calibrachoa parviflora (Juss.) D'Arcy - KTZ<AZ, KS, NM>

Chamaesaracha conioides (Moric.) Britton - HDH, SFE, W&W, E
[Chamaesaracha conioides (Moric. ex Dunal) Britton] - GPF, KTZ
Chamaesaracha coronopus (Dunal) A. Gray - GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

{Datura inoxia Mill.} - GPF, IMF, a Mexican sp., KTZ, W&W
{Datura meteloides Dunal} - HDH
Datura quercifolia H.B.K. - *Hazlett & Hazlett 12102*; Harding Co., NM [GREE])
✣Datura stramonium L. - GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E
✣Datura wrightii Regel - IMF, KTZ, SFW, UTF, W&W, W
[Datura inoxia Mill.] - GPF

*Hyoscyamus niger L. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

*Lycium barbarum L. - Dorn01, IMF, KTZ, SF!, UTF, W&W, E/W
[Lycium halimifolium Mill.] - GPF, HDH
Lycium pallidum Miers - GPF, HDH, IMF, SF!, UTF, W&W, E/W
[Lycium pallidum Miers var. pallidum] - KTZ

*Nicandra physalodes (L.) Pers. - HDH, W&W, E
[WJ - probably a non-persistent waif Only CO collections are *Warren* [1914, COCO] and *Hendricks* [1946, CS] from Burlington. Warren collection probably from a garden. Burlington area recently collected independently by C. Freeman and D. Clark; neither found this taxon]
[Nicandra physalodes (L.) Gaertn.] - GPF, KTZ, SFE

Nicotiana attenuata Torr. ex S. Watson - Dorn01, HDH, IMF, KTZ, UTF, W&W, E/W
[Nicotiana attenuata Torr.] - SF[1]
Nicotiana trigonophylla Dunal - M&H, KTZ, HDH, exp., GPF, UTF, W&W misid.
[Nicotiana obtusifolia Mert. & Galeotti var. obtusifolia] –KTZ
[Nicotiana trigonophylla Dunal var. trigonophylla] - IMF

Physalis (see also **Quincula**)

(Identification sources: _____)

{Physalis cinerascens (Dunal) Hitchc. var. cinerascens} - KTZ
{WJ - to be expected in Baca Co., CO, but no specimens confirmed; NS - nearest specimens in NM fide M&H are SE of our area}
{Physalis viscosa L. subsp. mollis (Nutt.) Waterf. var. cinerescens (Dunal) Waterf.} - GPF

Physalis hederifolia A. Gray var. comata (Rydb.) Waterf. - Dorn01, GPF, KTZ, SFE, W&W, E/W
[WJ - should be recognized at species level; has short, dense, very glandular hairs; native to NE, KS, and CO]
[Physalis hederaefolia A. Gray] - HDH, SFW

Physalis hederifolia A. Gray var. fendleri (A. Gray) Cronquist - IMF, KTZ, UTF, E
[WJ - differs from var. comata by different habit, leaf shape, and pubescence; higher elevations in wooded situations (pinyons and ponderosa pines)]
[Physaria fendleri A. Gray] - HDH
[Physalis hederifolia A. Gray var. cordifolia (A. Gray) Waterf.] - GPF, SFE, W&W

Physalis heterophylla Nees var. heterophylla - KTZ, E
[Physalis heterophylla Nees] - Dorn01, GPF, HDH, IMF, SFE, UTF, W&W

Physalis hispida (Waterf.) Cronquist - Dorn01, IMF, KTZ, E
[Physalis pumila Nutt.] - HDH, rep.
[Physalis pumila Nutt. subsp. hispida (Waterf.) Hinton] - GPF, SFE, W&W

Physalis longifolia Nutt. - Dorn01, HDH, UTF
[Physalis longifolia Nutt. var. longifolia] - GPF, IMF, KTZ, E/W
[Physalis longifolia Nutt. var. subglabrata (Mack. & Bush) Cronquist - KTZ
[Physalis subglabrata Mack. & Bush] - HDH
[Physalis virginiana Mill.] - **SF!**, W&W

✣{Physalis pruinosa L.} - HDH rep., W&W
[WJ - no specimens confirmed yet for CO at COLO, CS, GREEE or KHD; not reported from NM by M&H]
[Physalis pubescens L. var. integrifolia (Dunal) Waterf] - KTZ
[Physalis pubescens L.] - GPF, HDH, IMF, W&W err. rep.

Physalis subulata Rydb. var. neomexicana (Rydb.) Waterf. ex Kartesz & Gandhi - KTZ, E
[WJ - no confirmed speicmens yet from CO based on COLO, CS, and KHD. Type locality of this variety from our area in northern NM]
[Physalis foetens Poir. var. neomexicana (Rydb.) Waterf.] - SFE, W&W

Physalis virginiana Mill. - GPF, IMF, SF!, W&W, E/W
[Physalis lanceolata Michaux] - HDH
[Physalis virginiana Mill var virginiana] - KTZ
[Physalis virginiana Mill var polyphylla (Greene) Waterf.] - KTZ

Quincula lobata (Torr.) Raf. - GPF, KTZ, SFE, W&W, E
[Physalis lobata Torr.] - HDH, UTF

Solanum

(Identification sources: _____)

Solanum americanum Mill. - KTZ, SF!, W&W, E/W
[Solanum interius Rydb] - GPF, KTZ
[Solanum nigrum L.] - IMF, UTF
[Solanum nigrum L. var. virginicum L.] - IMF

✣Solanum carolinense L. - GPF, HDH, exp., IMF, SFE, UTF, W&W, E
[Solanum carolinense L. var. carolinense] - KTZ

*Solanum dulcamara L. - Dorn01, GPF, HDH, exp., IMF, SF!, UTF, W&W, E/W
[Solanum dulcamara L. var. dulcamara] - KTZ
✣Solanum elaeagnifolium Cav. - GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Solanum fendleri A. Gray ex Torr. var. fendleri - KTZ
[WJ - No CO specimens at COLO, CS, GREE, KHD, although type specimen from our area in northern NM]
[Solanum fendleri A. Gray] - HDH, W&W
✣Solanum heterodoxum Dunal - HDH, SFE, W&W, E
[Solanum heterodoxum Dunal var. setigeroides Whalen] - GPF, KTZ?
Solanum jamesii Torr. - HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Solanum nigrum L. - Dorn01, HDH, KTZ, UTF, W&W, misapp.
[Solanum ptycanthum Dunal ex DC.] - GPF
[Solanum ptycanthum Dunal] - KTZ
✣Solanum physalifolium Rusby var. nitidibaccatum (Bitter) Edmonds - Dorn01, SF!, W&W, E/W
[Solanum physalifolium Rusby] - KTZ
[Solanum sarrachoides Sendtn ex Mart] - HDH, IMF, UTF
[Solanum sarrachoides Sendtn] - GPF
✣Solanum rostratum Dunal - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Solanum triflorum Nutt. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Sparganiaceae - (see **TYP**)

Tamaricaceae - TAM

(Identification sources: _____)

[NS - any local taxonomic changes should consult recent studies by Gaskin et al]

*Tamarix chinensis Lour. - Dorn01, GPF, KTZ, UTF
[JG - Indistinguishable from T. ramossisma on morphological grounds]
*{Tamarix gallica L.} - HDH, KTZ <NM>, W&W, err. rep.
*Tamarix parviflora DC. - GPF, KTZ, SF!, UTF, W&W, E/W
{Tamarix pentandra Pallas}
{JG - an illegitimate name}
*Tamarix ramosissima Ledeb. - GPF, KTZ, SF!, W&W, E/W
[Tamarix chinensis Lour.] - UTF
[JG· See above re: T chinensis]

Themidaceae - THE

Androstephium breviflorum S. Watson - Dorn01, FNA, FCF, HDH, IMF, KTZ, SFW, W&W, W
[Bessera breviflora (S. Watson) Jepson] - FNA
[Brodiaea paysonii A Nels.] - FNA
[Brodiaea breviflora (S Watson) J. F MacBride]

Triteleia grandiflora Lindl. var. grandiflora - IMF, KTZ
[Triteleia grandiflora Lindl.] - Dorn01, UTF, W&W[1]

Theophrastaceae - TEO

{Samolus floridanus Kunth} - HDH, exp.
{NS - likely to be found in northern NM or s. CO}
{Samolus parviflorus Raf.} - GPF, UTF
{Samolus valerandi L subsp parviflorus (Raf) Hultén} - KTZ <AZ, KS, NM, OK, UT>

Tiliaceae - TIL

*Tilia americana - WY checklist
[NS - many synonyms depending on infraspecific taxon, e.g. see KTZ]
[WJ - present by virtue of ornamental plantings]

Trilliaceae (see **MLN** and **LIL**)

Typhaceae - TYP (including **Sparganiaceae**)

(Identification sources: _____)

Sparganium angustifolium Michx. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, W&W, E/W
Sparganium emersum Rehmann - Dorn01, FNA, SF!, UTF, W&W, E/W
[Sparganium angustifolium Michx.] - KTZ
[Sparganium emersum Rehmann var. multipedunculata (Morong) Reveal] - GPF, IMF
[Sparganium multipedunculata (Morong) Rydb.] - HDH
Sparganium eurycarpum Engelm. - Dorn01, FNA, GPF, HDH, IMF, SFE, UTF, E
[Sparganium eurycarpum Engelm. ex A. Gray] - KTZ, W&W
Sparganium natans L. - Dorn01, FNA, KTZ, E/W
[Sparganium minimum Fr.] - HDH, IMF, SFW, UTF
[Sparganium minimum Wallr] - W&W
[Sparganium minimum (Hartman) Fr] - SFE
[Sparganium minimum (Hartman) Wallr.] - KTZ

Typha angustifolia L. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, W&W, E/W
Typha domingensis Pers. - FNA, GPF, IMF, KTZ, SF!, UTF, W&W, E/W
Typha X glauca Godr. - FNA, GPF, IMF, KTZ <UT, WY>, UTF
[Typha angustifolia X T. latifolia] - FNA
Typha latifolia L. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Ulmaceae - ULM (see also **CAN**)

✣{Ulmus americana L.} - GPF,HDH exp.,KTZ, ,RMC,UTF,W&W cult.
{WJ - not escaping from cultivation}
*Ulmus pumila L. - Dorn01, FNA, GPF, HDH, KTZ, SF!, UTF, W&W, E/W

Umbelliferae (see **API**)

Urticaceae - URT

(Identification sources: _____)

Boehmeria cylindrica (L.) Swartz - FNA
[NS - entering our area in n e. NM]

{Parietaria floridana Nutt.} - HDH, KTZ, W&W err. rep.
Parietaria pensylvanica Muhl. ex Willd. - Dorn01, FNA, HDH, KTZ, UTF, W&W, E/W
[Parietaria pensylvanica Muhl.] - GPF, SF!

{Urtica dioica L. var. dioica} - HDH, W&W, Eurasian
{Urtica dioica L.} - W&W[1]
{Urtica dioica L. subsp. dioica} - GPF, KTZ <OK>
Urtica dioica L. var. occidentalis S. Watson - Dorn01, UTF, W
[Urtica dioica L subsp. holosericea (Nutt.) Thorne] - KTZ
[Urtica gracilis Aiton subsp. holosericea (Nutt.) W. A. Weber] - FNA, SFW, W&W
Urtica dioica L. var. procera (Muhl. ex Willd.) Wedd. - Dorn01, E/W
[Urtica dioica L. subsp. gracilis (Aiton) Selander] - FNA, GPF, KTZ
[Urtica dioica L. var. procera (Muhl.) Wedd.] - HDH, UTF
[Urtica gracilenta Greene] - SFW, HDH, W&W[1]
[Urtica gracilis Aiton] - SF!
[Urtica gracilis Aiton subsp. gracilis] - W&W
Urtica gracilenta Greene - FNA

Uvulariaceae (see **CHC**)

Valerianaceae - VAL

Valeriana acutiloba Rydb. var. acutiloba - Dorn01, IMF, KTZ, E/W
[Valeriana acutiloba Rydb.] - GPF, UTF
[Valeriana capitata Pall. subsp. acutiloba (Rydb.) F. G. Mey.] - SF!
[Valeriana capitata Pall. ex Link subsp. acutiloba (Rydb.) F. G. Mey.] - HDH, W&W
Valeriana acutiloba Rydb. var. pubicarpa (Rydb.) Cronquist - Dorn01, IMF, KTZ, E/W
[WJ - likely does not occur in Colorado]
[Valeriana acutiloba Rydb.] - UTF
[Valeriana capitata Pall. subsp. acutiloba (Rydb.) F. G. Mey.] - SF!
[Valeriana capitata Pall. ex Link subsp. acutiloba (Rydb.) F. G. Mey.] - HDH, W&W
Valeriana arizonica A. Gray - HDH, IMF, KTZ, SFE, UTF, W&W, E
Valeriana dioica L. var. sylvatica (Sol. ex Richardson) S. Watson - Dorn01, KTZ
[Valeriana dioica L.] - GPF
[Valeriana dioica L. subsp. sylvatica (Sol. ex Richardson) F. G. Mey.] - W&W, W&W[1]
[Valeriana dioica L. var. sylvatica S. Watson] - KTZ <WY>, RMC
Valeriana edulis Nutt. ex Torr. & A. Gray var. edulis - IMF, KTZ, E/W
[Valeriana edulis Nutt.] - Dorn01, GPF, SF!, W&W
[Valeriana edulis Nutt. subsp. edulis] - HDH
[Valeriana edulis Nutt. ex Torr. & A. Gray] - UTF
Valeriana occidentalis A. Heller - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Verbenaceae - VRB

(Identification sources: _____)

*Caryopteris clandonensis A. Simmonds ex Rehder - W&W
[Caryopteris incana X C. mongholica] - KTZ
[Caryopteris X clandonensis hort. ex Rehder] - KTZ

Glandularia bipinnatifida (Nutt.) Nutt. var. bipinnatifida - KTZ, E/W
[Glandularia bipinnatifida (Nutt.) Nutt.] - Dorn01, SF!, W&W
[Verbena ambrosifolia Rydb.] - HDH
[Verbena bipinnatifida Nutt.] - GPF, HDH
[Verbena ciliata Benth.] - HDH
Glandularia bipinnatifida (Nutt.) Nutt. var. ciliata (Benth.) B. L. Turner - KWA, HDH, KTZ
[Glandularia wrightii (A. Gray) Umber] - KWA, W&W
[Verbena wrightii A. Gray] - HDH
{Glandularia canadensis (L.) Small} - W&W
{Glandularia canadensis (L.) Nutt.} - KTZ
{Verbena canadensis (L.) Britton} - HDH, GPF
{Glandularia gooddingii (Briq.) Solbrig} - KTZ, W&W
{Verbena gooddingii Briq.} - HDH rep., IMF, UTF

Lippia (see **Phyla**)

Phyla cuneifolia (Torr.) Greene - Dorn01, HDH, IMF, KTZ, SFE, UTF, W&W, E
[Lippia cuneifolia (Torr.) Steud.] - GPF
Phyla lanceolata (Michx.) Greene - HDH rep., IMF, KTZ, SFE, UTF, W&W, E
[Lippia lanceolata (Michx.) Greene] - GPF
{Phyla nodiflora (L.) Greene} - IMF, KTZ <AZ, KS, NM, OK, UT>, UTF, W&W
{Lippia nodiflora (L.) Michx.} - GPF

Verbena (see **Glandularia**)
✤Verbena bracteata Lag. & Rodr. - Dorn01, GPF, HDH, IMF, KTZ,SF!, UTF, W&W, E/W
{Verbena X crookshankii Moldenke} - KTZ, Moldenke80
{Verbena bracteata X V. hastata} - KTZ
Verbena hastata L. - Dorn01, GPF, HDH, IMF, SFE, UTF, W&W, E
[Verbena hastata L. var. scabra Moldenke] - KTZ
Verbena macdougalii A. Heller - HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Verbena officinalis L. var. officinalis - KTZ
Verbena plicata Greene - GPF, KTZ, SFE, W&W, E
Verbena stricta Vent. - Dorn01, GPF, HDH, IMF, KTZ, SFE, W&W, E

Viburnaceae - VIB

{Viburnum acerifolium L.} - KTZ, WY checklist
{Viburnum acerifolium var. densiflorum (Chapman) McAtee} - KTZ
{Viburnum acerifolium var. glabrescens Rehd.} - KTZ
{Viburnum acerifolium var. ovatum (Rehd.) McAtee} - KTZ
{Viburnum desiflorum Chapman] - KTZ
Viburnum edule (Michx.) Raf. - Dorn01, GPF, KTZ, SF!, W&W, E/W
[Viburnum pauciflorum Pylaie ex Torr. & A. Gray] - HDH, WY checklist
✻ Viburnum lantana L. - KTZ, SFE, W&W, E, WY checklist
[Viburnum lantana var. sphaerocarpum Gray ex Fern.] - KTZ
✤ Viburnum lentago L. - GPF, HDH, KTZ, SFE, UTF, W&W, E
[Viburnum × vtteri Zabel] - KTZ

Violaceae - VIO

(Identification sources: _____)

Hybanthus verticillatus (Ortega) Baill. - GPF, HDH, KTZ, SFE, W&W, E

Viola

[WJ & NS - the genus is badly in need of revision in North America using well-articulated species criteria. The reworking of accepted taxa should be in context {minimally} of all North American material. See also Kelso03 and Mickinney92]

Viola adunca J. E. Sm. - Dorn01, SF!, W&W, E/W

[Viola adunca J. E. Sm. ex Rees] - UTF
[Viola adunca J. E. Sm. subsp. adunca] - HDH
[Viola adunca J. E. Sm subsp. ashtonae M. S. Baker] - HDH
[Viola adunca J. E. Sm subsp. radicosa M S Baker] - HDH
[Viola adunca J. E. Sm. var adunca] - GPF, KTZ

Viola affinis Leconte - KTZ, E

[Viola pratincola Greene] - GPF
[Viola sororia Willd. subsp. affinis (Leconte) McKinney] - SFE
[Viola sororia Willd. var. affinis (Leconte) McKinney] - Dorn01, W&W[1]

✤Viola bicolor Pursh - KTZ, E

[Viola kitaibeliana Roem. & Schult. var. rafinesquei (Greene) Fernald] - SFE, W&W
[Viola rafinesquii Greene] - GPF, HDH

Viola biflora L. - HDH, SF!, W&W, E/W

[Viola biflora L. subsp. biflora] - KTZ

Viola biternata Greene

[WJ - see comments under V. sheltonii]

Viola canadensis L. - Dorn01, UTF, E/W

[Viola canadensis L. var. canadensis] - HDH
[Viola canadensis L. var. rugulosa (Greene) C. L. Hitchc.] - GPF, KTZ
[Viola canadensis L. var. scopulorum A. Gray] - HDH, KTZ
[Viola rugulosa Greene] - HDH, W&W[1]
[Viola rydbergii Greene] - SF!, W&W
[Viola scopulorum (A. Gray) Greene] - SF!, W&W

Viola labradorica Schrank - KTZ, SF!, W&W, E/W

[WJ - probably too many intermediates with V adunca to recognize at the specific level. Small plants typical of higher elevations also extend well down into montane and the big plants extend into the subalpine; see HDH]
[Viola adunca J. E. Sm. var. bellidifolia (Greene) Harrington] - HDH

Viola macloskeyi Lloyd var. pallens (Banks ex DC.) C. L. Hitchc. - E/W

[Viola palustris L.] - WJ (pers. comm. 2004, see comments under V. palustris)
[Viola macloskeyi Lloyd var. macloskeyi] - GPF
[Viola macloskeyi Lloyd subsp. pallens (DC.) C. L. Hitchc.] - SF!
[Viola macloskeyi Lloyd subsp. pallens (Banks ex DC.) M. S. Baker] - KTZ, W&W

Viola missouriensis Greene - KTZ, M&H

[Viola sororia var. missouriensis (Greene) McKinney] - KWA, KTZ

Viola nephrophylla Greene - GPF, KTZ, UTF, E/W

[Viola sororia Willd.] - SFW
[Viola sororia Willd. subsp. affinis (Leconte) McKinney] - SFE

Viola nuttallii Pursh - Dorn01, GPF, WJ, KTZ, SF!, W&W, E/W

[WJ - should include also V praemorsa and V. vallicola. Only one taxon present in CO and oldest name is V. nuttallii. One can find leaves of all three "species" in one population, often on same plant Type locality of V. praemorsa is on Pacific coast. V. nuttallii leaves are long and narrow, whereas V praemorsa are wider. There is a tendency for leaves to widen as one goes west from the Great Plains but where nuttallii ends and praemorsa begins is an unsolvable question. V vallicola is supposed to have at least one leaf that is somewhat cordate to truncate at the base (fide M Baker monograph). It is easy to find such leaves early in the season and they lengthen as the plant matures. I have photographed plants in a natural area near my house and all three "species" are present in that population]

[Viola nuttallii Pursh var. nuttallii] - HDH

*Viola odorata L. - KTZ, SFE, UTF, W&W, E

Viola palustris L. - WY checklist, GPF, UTF, W&W, misid.

[WJ - No consistent differences between V. palulstris, V. renifolia and V macloskeyi. The flowers of each are the same. It is easy to find specimens in a "population" with reniform leaves and an apex on the leaf. Probably none have true rhizomes; the "stolons" become buried in duff and only resemble rhizomes Taxonomy of group problematic due to excessive splitting by Baker in 1940s]

[Viola palustris L. subsp. brevipes M. S. Baker] - HDH

[Viola palustris L. var. brevipes (M. S. Baker) R. J. Davis] - KTZ

[Viola palustris L. var. palustris]- HDH

{Viola pedata L.} - GPF, HDH labels possibly mixed, KTZ <KS, NE, OK>, W&W

Viola pedatifida G. Don - GPF, HDH, KTZ, SF!, W&W, E/W

Viola praemorsa Douglas ex Lindl. var. altior - Dorn01

[Viola nuttallii Pursh] - WJ (see comments under V nuttallii)

[Viola nuttallii Pursh var. linguifolia (Nutt) Jeps] - HDH

[Viola nuttallii Pursh var. major Hook.] - UTF

[Viola praemorsa Douglas ex Lindl subsp. linguifolia (Nutt) M S Baker & Clausen] - W&W

[Viola praemorsa Douglas ex Lindl. subsp. linguifolia (Nutt.) M. S. Baker & Clausen ex Peck] - KTZ

Viola pratincola Greene - GPF

[Viola nephrophylla Greene] - KTZ

[Viola retusa Greene] - HDH

[Viola sororia Willd. var. sororia] - W&W

Viola purpurea Kellogg var. venosa (S. Watson) Brainerd - Dorn01, HDH, UTF, E/W

[Viola purpurea Kellogg subsp venosa (S Watson) M S Baker & J. C. Clausen] - KTZ, SF!, W&W

Viola renifolia A. Gray var. brainerdii (Greene) Fernald - Dorn01, HDH, SFE, W&W, E/W

[Viola palustris L] - WJ (pers. comm. 2004; see comments under V. palustris)

[Viola renifolia A. Gray] - GPF, KTZ, SFW

Viola selkirkii Pursh ex Goldie - HDH, KTZ, W&W, E

[Viola selkirkii Pursh] - GPF, SFE

{Viola sheltonii Torr.} - HDH, KTZ, W&W, W&W[1], W

[WJ - A west coast Pacific NW species that does not appear to occur in the Intermountain region Putative specimens from CO confined to Grand Mesa highly disjunct from main range Until better studied, should use V. biternata as suggested by W&W]

[Viola biternata Greene] - SFW, W&W[1]

Viola sororia Willd. - GPF, KTZ <KS, NE, OK>, SFW, W

[NS - for further discussion of this complex see Kelson 03 and McKinney92]

[Viola nephrophylla Greene] - HDH

[Viola papilionacea Pursh] - HDH

[Viola retusa Greene] - HDH

[Viola sororia Willd. var. sororia] - W&W

Viola tricolor L. - Dorn01

Viola utahensis M. S. Baker & Clausen ex M. S. Baker - Dorn01, SFW, W&W, W

[Viola purpurea Kellogg] - UTF

[Viola utahensis M. S. Baker & Clausen ex M S Baker] - KTZ

Viola vallicola A. Nelson var. major (Hook.) Fabijan - KTZ, E/W

[Viola nuttallii Pursh] - WJ (see comments under V. nuttallii)

[Viola nuttallii Pursh var. major Hook.] - UTF

[Viola praemorsa Douglas subsp. major (Hook.) M. S. Baker] - SF!, W&W

[Viola praemorsa Douglas ex Lindley subsp. major (Hook.) M. S. Baker] - W&W

Viola vallicola A. Nelson var. vallicola - KTZ, E/W

[Viola nuttallii Pursh] - GPF

[Viola nuttallii Pursh var. vallicola (A. Nelson) H. St. John] - HDH, UTF

[Viola vallicola A Nelson] - SF!, W&W

Viscaceae - VIS

Arceuthobium

(Identification sources: _____)

Arceuthobium americanum Nutt. ex Engelm. - Dorn01, HDH, IMF, KTZ, UTF, W&W, E/W
[Arceuthobium americanum Nutt.] - SF[1]
{Arceuthobium campylopodum Engelm.} - IMF, KTZ, W&W
{Arceuthobium campylopodum Engelm. forma campylopodum} - HDH, possibly
Arceuthobium cyanocarpum (A. Nelson ex Rydb.) A. Nelson - Dorn01, IMF, KTZ, E/W
[Arceuthobium campylopodum Engelm.] - KTZ
[Arceuthobium campylopodum Engelm. forma abietinum (Engelm.) Gill] - HDH, possibly
[Arceuthobium campylopodum Engelm forma cyanocarpum (A. Nelson) Gill] - HDH
[Arceuthobium campylopodum Engelm. forma microcarpum (Engelm.) Gill] - HDH, possibly
[Arceuthobium cyanocarpum J. M. Coult. & A. Nelson] - SF!, UTF, W&W
Arceuthobium divaricatum Engelm. - IMF, KTZ, SF!, UTF, W&W, E/W
[Arceuthobium campylopodum Engelm forma divaricatum (Engelm.) Gill] - HDH
Arceuthobium douglasii Engelm. - Dorn01, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Arceuthobium vaginatum (Willd.) J. Presl var. cryptopodium (Engelm.) Cronquist - IMF, E/W
[Arceuthobium vaginatum (Willd.) J. Presl] - HDH
[Arceuthobium vaginatum (Willd.) J. Presl subsp. cryptopodium (Engelm.) Hawksworth & Wiens] - KTZ, UTF
[Arceuthobium vaginatum (Willd.) C Presl subsp. cryptopodium (Engelm) Hawksworth & Wiens] - SF[1], W&W
{Arceuthobium vaginatum (Willd.) C. Presl var. vaginatum} - IMF
{Arceuthobium vaginatum (Willd) C Presl} - HDH
{Arceuthobium vaginatum (Willd) C Presl subsp. vaginatum} - W&W

{Phoradendron cockerellii Trelease} - HDH, questionable, W&W, mixed labels
{Phoradendron macrophyllum (Engelm.) Cockerell subsp. cockerellii (Trelease) Wiens} - KTZ
Phoradendron juniperinum Engelm. - HDH, SFW, W&W, W
[Phoradendron juniperinum Engelm. ex A. Gray] - IMF, KTZ
[Phoradendron juniperinum A Gray subsp. juniperinum] - UTF

Vitaceae - VIT

Ampelopsis (see **Parthenocissus**)

✤{Parthenocissus quinquefolia (L.) Planch.} - GPF, HDH, IMF, KTZ, SF!, UTF, W&W cult., W&W[1], E/W
{WJ - doubtfully occurs outside of cultivation}
{Parthenocissus inserta (Kerner) Fritsch}
Parthenocissus vitacea (Knerr) Hitchc. - Dorn01, GPF, HDH, IMF, KTZ, SF!, W&W[1], E/W
[Parthenocissus inserta (Kerner) Fritsch] - W&W

Vitis acerifolia Raf. - GPF, KTZ, SFE, W&W[1], E
[Vitis longii Prince] - HDH
[Vitis riparia Michx. subsp. longii (Prince) D Rogers, in ed] - W&W
{Vitis arizonica Engelm.} - HDH exp., IMF, KTZ <AZ, NM, UT>, UTF, W&W
{WJ - doubtful for Colorado}
{Vitis X doaniana Munson ex Viala} - KTZ <NM, OK>

{Vitis acerifolia X V. mustangensis} - KTZ
{Vitis doaniana Munson ex Viala} - HDH, exp., W&W
Vitis riparia Michx. - Dorn01, KTZ, SFE, E
[Vitis riparia Michx. subsp riparia] - W&W
[Vitis riparia Michx. var. riparia] - GPF
[Vitis vulpina L.] - HDH, W&W[1]

Xanthorrhoeaceae - XAN

*Hemerocallis fulva (L.) L. - Dorn01, KTZ <KS, NE, UT>, UTF
[Hemerocallis fulva L.] - GPF <KS>, HDH, corr. & add

Zannichelliaceae (see **POT)**

Zygophyllaceae - ZYG (including **Krameriaceae**)

Kallstroemia californica (S. Watson) Vail - KWA, IMF, KTZ, UTF
[Kallstroemia brachystylis Vail] - KWA, KTZ, HDH, rep
[Kallstroemia californica (S. Watson) Vail var brachystylis (Vail) Kearney & Peebles] - KTZ, M&H, KWA,W&W, err. rep.
Kallstroemia hirsutissima Vail - M&H, GPF, HDH, W&W, err. rep.
[Kallstroemia hirsutissima Vail ex Small] - KTZ
Kallstroemia parviflora Norton - GPF, IMF, KTZ, SFE, UTF, W&W, E
[Kallstroemia maxima (L.) Hook & Arn.] - KWA, M&H
[Kallstromia intermedia Rydb.] - M&H

{Larrea divaricata Cav.} - HDH, exp.
{Larrea divaricata (DC.) Coville} - UTF
{Larrea tridentata DC.} - W&W, err. rep.
{Larrea tridentata (Sessé & Moç. ex DC.) Coville} - IMF
{Larrea tridentata (Sessé & Moç ex DC.) Coville var tridentata} - KTZ <AZ, NM, UT>

*Tribulus terrestris L. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

{Zygophyllum fabago L.} - HDH, IMF, KTZ <KS, NM>, W&W

LITERATURE CITED

Ackerfield08: J. Ackerfield, W. F. Jennings. 2008. The genus *Abronia* (Nyctaginaceae) in Colorado, with notes on *Abronia bolackii* in New Mexico. J. Bot. Inst. Texas 2: 419-423.

Aiken95: S. G. Aiken, L. L. Consaul. 1995. Leaf cross sections and phytogeography: A potent combination for identifying members of *Festuca* subgg. *Festuca* and *Leucopoa* (Poaceae), occurring in North America. Amer. J. Bot. 82: 1287-1299.

Al-Shehbaz07a: I. A. Al-Shehbaz. 2007. *Descurainia kenheilii* (Brassicaceae), a new species from the San Juan Mountains, Colorado. Harvard Papers in Botany 12: 395-396.

Al-Shehbaz07b: I. A. Al-Shehbaz, M. D. Windham. 2007. New or noteworthy North American *Draba* (Brassicaceae). Harvard Papers in Botany 12: 409-419.

Al-Shehbaz03: I. A. Al-Shehbaz. 2003. Transfer of most North American species of *Arabis* to *Boechera* (Brassicaceae). Novon 13: 381-391.

Al-Shehbaz02: I. A. Al-Shehbaz, S. L. O'Kane, Jr. 2002. *Lesquerella* is united with *Physaria*. Novon 12: 319-329.

Anderson96: J. L. Anderson, J. M. Porter, M. K. Debacon. 1996. Is *Hymenoxys helenioides* (Rydb.) Ckll. a species or a hybrid? Morphological and molecular evidence. IN: J. Maschinski, H. David, & L. Holter (eds.) Southwestern Rare and Endangered Plants: Proceedings of the Second Conference. USDA: Forest Service, General Technical Report RMC-GTR-283, pp. 113-124.

Anderson97: J. L. Anderson, J. L. Reveal, R. C. Rollins. 1997. *Lesquerella vicina* (Brassicaceae), a new species from the Uncompahgre River Valley in western Colorado. Novon 7: 9-12.

APG II: Angiosperm Phylogeny GroupII (APG II). 2003. An update of the Angiosperm Phylogeny Group classification for the orders and families of flowering plants: APG II. Bot. J. Linn. Soc. 141: 399-436.

Argus07: G. W. Argus. 2007. *Salix* (Salicaceae) distribution maps and a synopsis of their classification in North America, north of Mexico. Harvard Papers in Botany 12: 335-368.

Bain88: J. F. Bain. 1988. Taxonomy of *Senecio streptanthifolius* Greene. Rhodora 90: 277-312.

Barkley99: T. M. Barkley. 1999. The segregates of *Senecio*, s.l., and *Cacalia*, s.l., in the flora of North America North of Mexico. Sida 18: 661-672.

Barkworth08: M. E. Barkworth, M. O. Arriaga, J. F. Smith, S. W. L. Jacobs, J. Valdés-Reyna, B. S. Bushman. 2008. Molecules and morphology in South American Stipeae (Poaceae). Syst. Bot. 33: 719-731.

Beatty04: B. Beatty, W. Jennings, R. Rawlinson. 2004. *Crataegus saligna* Greene (willow hawthorn): A technical conservation assessment. USDA Forest Service, Rocky Mountain Region. http://www.fs.fed.us/r2/projects/scp assessments crataegussaligna.pdf.

Bodo Slotta01: T. A. Bodo Slotta. 2001. Phylogenetic analysis of *Iliamna* (Malvaceae) using the Internal Transcribed Spacer Region. M.S. Thesis, Virginia Polytechnic Institute and State University. Blacksburg, VA.

Brasher06: J. W. Brasher. 2006. The Southern Rocky Mountain Interactive Flora (SRMIF) and factors correlated with recognition of plants and mammals. Ph.D. Dissertation, University of Northern Colorado, Greeley.

Brasher04: J. W. Brasher, N. Snow. 2004. Further updates to Weber's three-letter family acronym system. Taxon 53(1): 1-3 (online version).

Chiapella07: J. Chiapella. 2007. A molecular phylogenetic study of *Deschampsia* (Poaceae: Aveneae) inferred fromn nuclear ITS and plastid *trnL* sequence data: support for the recognition of *Avenella* and *Vahlodea*. Taxon 56: 55-64.
Cialdella07: A. M. Cialdella, L. M. Giussani, L. Aagesen, F. O. Zuloaga, O. Morrone. 2007. A phylogeny of *Piptochaetium* (Poaceae: Pooideae: Stipeae) and related genera based on a combined analysis including *trnL-F, rpl16*, and morphology. Syst. Bot. 32: 545-559.
Clayton09: W.D. Clayton, N. Snow. 2009. *A Key to Pacific Grasses* Royal Botanic Gardens, Kew (in press).
Coleman02: R. A. Coleman. 2002. Wild Orchids of Arizona and New Mexico. Cornell University Press, NY.
Columbus99: J. T. Columbus. 1999. An expanded circumscription of *Bouteloua* (Gramineae: Chlorideae): New combinations and names. Aliso 18: 61-65.
Columbus98: J. T. Columbus, M. S. Kinney, R. Pant, M. E. Siquieros Delagado. 1998. Cladistic parsimony analysis of internal transcribed spacer region (nrDNA) sequences of *Bouteloua* and its relatives (Gramineae: Chloridoideae). Aliso 17: 99-130.
Crow78: G. E. Crow. 1978. A taxonomic revision of *Sagina* (Caryophyllaceae) in North America. Rhodora 80: 1-91.
Darbyshire93. S. J. Darbyshire. 1993. Realignment of *Festuca* subgenus *Shedonorus* with the genus *Lolium*. Novon 3: 329-243.
Darlington34: J. Darlington. 1934. A monograph of the genus *Mentzelia*. Ann. Missouri Bot. Gard. 21: 103-226.
Davis92: J. I. Davis, K. C. Nixon. 1992. Populations, genetic variation, and the delimitation of phylogenetic species. Syst. Biol. 41: 421-435.
Dorn03: R. D. Dorn. 2003. A new species of *Boechera* (Brassicaceae) from Utah and Colorado. Brittonia 55: 1-3.
Dorn01: R. D. Dorn. 2001. Vascular Plants of Wyoming. Ed. 3. Mountain West Publ., Cheyenne.
Dorn97: R. D. Dorn. 1997. Rocky Mountain Region willow identification field guide. USDA: Forest Service. Renewable Resources R2-RR-97-01. 107 pp.
Dorr90: L. J. Dorr. 1990. A revision of the North American genus *Callirhoe* (Malvaceae). Mem. New York Bot. Gard. 56: 1-74.
Doust07: A. N. Doust, A. M. Penly, S. W. L. Jacobs, E. A. Kellogg. 2007. Congruence, conflict, and polyploidization shown by nuclear and chloroplast markers in the monophyletic "bristle clade" (Paniceae, Panicoideae, Poaceae). Syst. Bot. 32: 532-544.
Finot05: V. L. Finot, P. M. Peterson, R. J. Soreng, F. O. Zuloaga. 2005. A revision of *Trisetum* and *Graphephorum* (Poaceae: Pooideae: Aveneae) in North America north of Mexico. Sida 21: 1419-1453.
Fryxell94: P. A. Fryxell. 1994. Malvaceae, Mallow Family; Part one. All genera except *Sphaeralcea* St.-Hil. J. Arizona-Nevada Acad. Sci. 27: 222-236.
Galloway75: L. A. Galloway. 1975 (1976). Systematics of the North American desert species of *Abronia* and *Tripterocalyx* (Nyctaginaceae). Brittonia 27: 328-347.
Goffinet, B., R. W. Buck. 2004. Systematics of the Bryophyta (Mosses): from molecules to a new classification. Monographs in Systematic Botany from the Missouri Bot. Garden 98: 205-239.
Goodman92: G. J. Goodman, C. A. Lawson. 1992. Two new combinations and a name change from the Long Expedition of 1820. Rhodora 94: 381-382.
Goodman95: G. J. Goodman, C. A. Lawson. 1995. Retracing Major Stephen H. Long's 1820 Expedition. Univ. Oklahoma Press, Norman.

Goodson07: B. E. Goodson, I. A. Al-Shehbaz. 2007. Two new combinations in North American *Descurainia* (Brassicaceae). Harvard Paprs in Botany 12: 421-423.
Gould75: F. W. Gould. The Grasses of Texas. Texas A & M University Press, College Station.
Grady07: B. R. Grady, S. L. O'Kane, Jr. 2007. New species and combinations in *Physaria* (Brassicaceae) from western North America. Novon 17: 182-192.
Grant04. V. Grant. 2004. Taxonomy of the Polemoniaceae *Gilia* and *Lathrocasis*. Sida 21: 531-546.
Harrington54: H. D. Harrington. 1954. Manual of the Plants of Colorado. Sage Press, Denver.
Hartman08: R.L. Hartman, R.K. Raebler. 2008. Minuartia macrantha (Alsinoideae: Caryophyllaceae): Morphological circumscription, geographical range, and phylogenetic affinities. Journal Botanical Insititute of Texas 2: 1225-1231.
Hartman06: R. L. Hartman, B. Reif, B. E. Nelson, B. Jacobs. 2006. New vascular plant records for New Mexico. Sida 22: 1225-1233.
Heklau08: H. Heklau, M. Röser. 2008. Delineation, taxonomy and phylogenetic relationships of the genus *Kraschenninnikovia* (Amaranthatceae subtribe Axyridinae). Taxon 57: 563-576.
Heywood, V. H., R. K. Brummit, A. Culham, O. Seberg. 2007. Flowering Plant Families of the World. Royal Botanic Gardens, Kew.
Holmgren02: N. H. Holmgren, P. K. Holmgren. 2002. New mentzelias (Loasaceae) from the Intermountain region of the western United States. Syst. Bot. 27: 747-762.
Hufford04: L. Hufford, M. McMahon. 2004. Morphological evolution and systematics of *Synthyris* and *Besseya* (Veronicaceae): A phylogenetic analysis. Syst. Bot. 29: 716-736.
Jennings04: W. Jennings. 2004. The status of *Physaria vitulifera* in Wyoming. Castilleja 23: 5-6.
Jørgensen06: Jørgensen, M. E., R. Elven, A. Tribsch, T. G. Gabrielsen, B. Stedje, C. Brochmann. 2006. Taxonomy and evolutionary relationships in the *Saxifraga rivularis* complex. Syst. Bot. 31:702-728.
Judd07: W. S. Judd, C. S. Campbell, E. A. Kellogg, P. F. Stevens, M. J. Donoghue. 2007. Plant Systematics: A Phylogenetic Approach. Third Ed. Sinauer Assoc., Inc., Sunderland, MA.
Kellogg85: A. E. Kellogg. 1985. A biosystematic study of the *Poa secunda* compelx. J. Arnold Arbor. 66: 201-242.
Kelso03: T. Kelso, M. Schurman. 2003. The puzzling purples: *Viola selkirkii*, *Viola adunca*, and the *Viola sororia* complex in Colorado. Aquilegia 27(4): 3-4.
Kirbkbride06: J. H. Kirkbride, Jr. 2006. The scientific name of narrow-leaf trefoil. Crop Science 46: 2169-2170.
Kirkpatrick07: R. E. B. Kirkpatrick. 2007. Investigating the monophyly of *Pellaea* (Pteridaceae) in the context of a phylogenetic analysis of Cheilanthoid ferns. Syst. Bot. 32: 504-518.
Koch04: M. Koch, I. A. Al-Shehbaz. 2004. Taxonomic and phylogenetic evaluation of the American "*Thlapsi*" species: Identity and relationship to the Eurasian genus *Noccaea* (Brassicaceae). Syst. Bot. 29: 375-384.
Lane96, M. R. Lane, R. L. Hartman. 1996. Reclassification of North American *Haplopappus* (Compositae: Astereae) completed: *Rayjacksonia* Gen. nov. Amer. J. Bot. 83: 356-370.
Lavin97: M. Lavin, H. Marriott. 1997. *Astragalus molybdenus* s.l. (Leguminosae): Higher taxonomic relationships and identity of constituent species. Syst. Bot. 22: 199-217.
Liede96: S. Liede. 1996. *Sarcostemma* (Asclepiadaceae)- a controversial generic circumscription reconsidered: morphological evidence. Syst. Bot. 21: 31-41.
Lowry84: P. P. Lowry II A. G. Jones. 1984 (1985). Systematics of *Osmorhiza* Raf. (Apiaceae: Apioideae). Ann. Missouri Bot. Gard. 71: 1128-1171.

MacKay72: H. A. MacKay. 1972. *Alchemilla minor* Huds. (Rosaceae) in New Mexico. Southw. Nat. 17: 197.
Mangaly68: J. K. Mangaly. 1968. A cytotaxonomic study of the herbaceous species of *Smilax*: Section *Coprosmanthus*. Rhodora 70: 55-82, 247-273.
Mason-Gamer01: R. J. Mason-Gamer. 2001. Origin of North American *Elymus* (Poaceae: Triticeae) allotetraploids based on granule-bound starch synthase gene sequences. Syst. Bot. 26: 757-768.
Mast07: A. R. Mast, J. L. Reveal. 2007. Transfer of *Dodecatheon* to *Primula* (Primulaceae). Brittonia 59: 79-82.
M&H: W. C. Martin, C. R. Hutchins. 1980, 1981. A Flora of New Mexico. Vols. 1 & 2. Vaduz, West Germany, J. Cramer.
MicKinney92: L. E. McKinney. 1992. A taxonomic revision of the acaulescent blue violets (*Viola*) of North America. SIDA, Botanical Miscellaney 7. Botanical Res. Inst. Texas.
Moldenke80: H. N. Moldenke. 1980. A sixth summary of the Verbenaceae, Avicenniaceae, Stilbaceae, Chloanthaceae, Symphoremaceae, Nyctanthaceae, and Eriocaulaceae of the world as to valid taxa, geographic distribution and synonymy. Phytologia Mem. 2: 1-629.
Morton89: J. K. Morton, R. K. Rabeler. 1989. Biosystematic studies on the *Stellaria calycantha* (Caryophyllaceae) complex. I. Cytology and Cytogeography. Canad. J. Bot. 67: 121-127.
Mosyakin95: S. L. Mosyakin. 1995. New taxa of *Corispermum* L. (Chenopodiaceae), with preliminary comments on the taxonomy of the genus in North America. Novon 5: 340-353.
Mulligan80: G. A. Mulligan. 1980. The genus *Cicuta* in North America. Canad. J. Bot. 58: 1755-1767.
Nesom89: G. L. Nesom. 1989. The separation of *Trimorpha* (Compositae: Astereae) from *Erigeron*. Phytologia 67: 61-66.
Nesom91: G. L. Nesom. 1991. Taxonomy of *Isocoma* (Compositae: Astereae). Phytologia 70: 69-114.
Noyes99: R. D. Noyes, L. H. Rieseberg. 1999. ITS sequence data support a single origin for North American Astereae (Asteraceae) and reflect deep geographic divisions in *Aster* s.l. Amer. J. Bot. 86: 398-412.
O'Kane07: S. L. O'Kane, Jr. 2007. *Physaria scrotiformis* (Brassicaceae), a new high-elevation species from southwestern Colorado and new combinations in *Physaria*. Novon 17: 376-382.
O'Kane06. S. L. O'Kane, Jr., J. L. Reveal. 2006. *Physaria pulvinata* (Brassicaceae), a new species from southwestern Colorado. Brittonia 58: 74-77.
O'Kane03: S. L. O'Kane, Jr., I. A. Al-Shehbaz. 2003. Phylogenetic position and generic limits of *Arabidopsis* (Brassicaceae) based on sequences of nuclear ribosomal DNA. Ann. Missouri Bot. Gard. 90: 603-612.
O'Kane88: S. L. O'Kane, Jr., D. H. Wilken, R. L. Hartman. 1988. Noteworthy collections: Colorado. Madrono 35: 72-74.
Pelser07: P. B. Pelser, B. Nordenstam, J. W. Kadereit, L. E. Watson. 2007. An ITS phylogeny of tribe Senecioneae (Asteraceae) and a new delimitation of *Senecio* L. Taxon 56: 1077-1104.
Peterson07: P. M. Peterson, J. Cayouette, Y. S. N. Fernandez, B. Coulman. 2001. Recognition of *Bromus richardsonii* and *B. ciliatus*: Evidence from morpholog, cytology, and DNA fingerprinting (Poaceae, Bromeae). Aliso 2: 21-36.
Phipps99: J. B. Phipps. 1999. Introduction to the red-fruited hawthorns (*Crataegus,* Rosaceae) of western North America. Canad. J. Bot. 76: 1863-1899.

Porter98: J. M. Porter. 1998. *Aliciella,* a recircumscribed genus of Polemoniaceae. Aliso 17: 23-46.
Porter00: J. M. Porter, L. A. Johnson. 2000. A phylogenetic classification of Polemoniaceae. Aliso 19: 55-91.
Pryer93: K. M. Pryer, C. H. Haufler. 1993. Isozymic and chromosomal evidence for the allotetraploid origin of *Gymnocarpium dryopteris* (Dryopteridaceae). Syst. Bot. 18: 150-172.
Raven72: P. H. Raven, D. P. Gregory. 1972. A revision of the genus *Gaura* (Onagraceae). Mem. Torrey Bot. Club 23: 1-96.
Reveal06: J. L. Reveal, C. R. Broome. 2006. *Cryptantha gypsophila* (Boraginaceae: Boraginoideae), a new species from western Colorado. Brittonia 58: 178-181.
Reveal04: J. Reveal, K. N. Gandhi, D. H. Nicolson. 2004. The demise of the name *Astragalus tenellus* Pursh (Fabaceae). Taxon 53: 1055-1058.
Rollins93: R. L. Rollins. 1993. The Cruciferae of Continental North America: Systematics of the Mustard Family from the Arctic to Panama. Stanford: Stanford University Press.
Romaschenko08: K. Romaschenko, P. M. Peterson, J. Garcia-Jacas, R. J. Soreng, A. Susanna. 2008. Molecular phylogenetic analysis of the American Stipeae (Poaceae) resolves *Jarava* sensu lato polyphyletic: evidence for a new genus *Pappostipa*. J. Bot. Res. Inst. Texas 2: 165-192.
Saarela01: J. M., Saarela, B. A. Ford. 2001. Taxonomy of the *Carex backii* complex (Section Phyllostachyae, Cyperaceae). Syst. Bot. 26: 704-721.
Schiebout08: Schiebout, M. H., D. Hazlett, N. Snow. 2008. A floristic survey of vascular plants over parts of northeastern New Mexico. J. Bot. Res. Inst. Texas 2(2): 1407-1447.
Schneider08: A. Schneider, P. Lyon, G. Nesom. 2008. *Gutierrezia elegans* sp. nov. (Asteraceae: Astereae), a shale barren endemic of southwestern Colorado. J. Bot. Res. Inst. Texas 2(2): 771-774.
Seberg98: O. Seberg, G. Petersen. 1998. A critical review of concepts and methods used in classical genome analaysis. The Botanical Review 64: 372-417.
Semple96: J. C. Semple. 1996. A revision of *Heterotheca* sect. *Phyllotheca* (Nutt.) Harms (Compositae: Astereae): The prairie and montane goldenasters of North America. Univ. Waterloo Biol. Ser. 37: 1-164.
Semple01: J. C. Semple, C. Xiang, J. Zhang, M. Horsburgh, R. Cook. 2001. Chromosome number determinations in Fam. Compositae, Tribe Astereae. VI. Western North American taxa and comments on generic treatments of North American asters. Rhodora 103: 202-218.
Shaw08: R. B. Shaw. 2008. Grasses of Colorado. University Press of Colorado, Boulder.
Sheviak97: C. J. Sheviak, W. F. Jennings 1997. N. Amer. Native Orchid J. 3: 445-449
Sheviak99: C. J. Sheviak. 1999. The identities of *Platanthera hyperborea* and *P. huronensis*, with the description of a new species from North America. Lindleyana 14: 193-203.
Simpson98: B. B. Simpson. 1998. A revision of *Pomaria* (Fabaceae) in North America. Lundellia 1: 46-71.
Simpson99: B. B. Simpson. 1999. A revision of *Hoffmannseggia* (Fabaceae) in North America. Lundellia 2: 14-54.
Simpson06: M. G. Simpson. 2006. Plant Systematics. Elsevier Academic Press.
Sinnott85: Q. P. Sinnott. 1985. A revision of *Ribes* L. Subg. *Grossularia* (Mill.) Pers. Sect. Grossularia (Mill.) Nutt. (Grossulariaceae) in North America. Rhodora 87: 189-286.
Smith09?: P. Smith, D. Hazlett, B. Legler, N. Snow. 2009? Noteworthy Collections: Colorado and New Mexico. In review.

Snow97: N. Snow. 1997. Application of the phylogenetic species concept: a botanical monographic perspective. *Austrobaileya* 5: 1-8.
Snow98: N. Snow. 1998. Nomenclatural changes in *Leptochloa* P. Beauvois sensu lato (Poaceae, Chloridoideae). Novon 8: 77-80.
Snow00: N. Snow, N. Holton. 2000. Additions to Weber's three-letter family acronyms based on results of the Angiosperm Phylogeny Group. Taxon 49: 77-78.
Snow03: N. Snow, G. P. Guymer, G. Sawvel. 2003. Systematics of *Austromyrtus*, *Lenwebbia*, and the Australian species of *Gossia* (Myrtaceae). Syst. Bot. Monogr. 65: 1-95.
Snow04a: N. Snow, J. W. Brasher. February 2004. A provisional checklist of vascular plants for the Southern Rocky Mountain Interactive Flora. (web link defunct).
Snow04b: N. Snow, J. W. Brasher, R. Wallace, J. Grasser, W. F. Jennnings. 2004. Noteworthy Collections: Colorado. Madroño 51: 331-332.
Snow07a: N. Snow. Checklist of Vascular Plants of the Southern Rocky Mountain Region. Version 1. September 2007. (web page defunct; see next entry)
Snow07b: N. Snow. Checklist of Vascular Plants of the Southern Rocky Mountain Region. Version 2. October 2007. (www.conps.org/plant-lists.html)
Snow07c:N. Snow. 2008. A new combination in *Elymus* (Poaceae, Triticieae). Phytologia 89: 223-224.
Snow07d: N. Snow. 2008. Updated generic keys for Poaceae for the Southern Rocky Mountain Region. 1. *Bromus* L. Aquilegia 31: 1-4.
Snow08a: N. Snow. 2008. Updated generic keys for Poaceae for the Southern Rocky Mountain Region. 2. *Poa*. Aquilegia 32 (1): 1-3.
Snow08b: N. Snow. 2008. Updated generic keys for Poaceae for the Southern Rocky Mountain Region. 3. *Festuca*. Aquilegia 32 (2): 1-3.
Snow09: N. Snow. New 3-letter family acronyms for vascular plants with comprehensive listings online. Bishop Museum Occasional Papers 102: In reivew.
Spencer03: S. C. Spencer, A. E. Spencer. 2003. *Navarretia willamettensis* and *Navarettia saximontana* (Polemoniaceae), new species from ephermeral wetlands of western North America. Madroño 50: 196-199.
Sprichiger04: R.-E. Sprichiger, V. Savolainen, M. Figeat, D. Jeanmonod. 2004. Systematic Botany of Flowering Plants. Science Publishers, Inc. Enfield (NH), USA & Plymouth, UK.
Stutz87: H. C. Stutz S. C. Sanderson, E. D. McArthur, G. L. Chu. 1987. Chromosome races of *Grayia brandegei* (Chenopodiaceae). Madrono 34: 142-149.
Sun05: F.-J. Sun, G. A. Levin, S. R. Downie. 2005. A multivariate analysis of *Cymopterus glomeratus*, formerly known as *C. acaulis* (Apiaceae). Rhodora 107: 359-385.
Trock98: D. K. Trock, T. M. Barkley. 1998. Seven new combinations and a new name in *Packera* (Asteraceae: Senecioneae). Sida 18: 385-387.
Tucker70: J. M. Tucker. 1970. Studies in the *Quercus undulata* complex: IV. The contribution of *Quercus havardii*. Amer. J. Bot. 57: 71-84.
Tucker71: J. M. Tucker. 1971. Studies in the *Quercus undulata* complex: V. The type of *Quercus undulata*. Amer. J. Bot. 58: 329-341.
Turner87: B. L. Turner. 1987. Taxonomic study of *Machaeranthera*, sections *Machaeranthera* and *Hesperastrum* (Asteraceae). Phytologia 62: 207-266.
Veldkamp08: J. F. Veldkamp. 2008. *Senecio cymablarioides*, *S. subnudus*, and *S. subpeltatusi*, history of a mudlle (Asteraceae: Senecioneae). J. Bot. Res. Inst. Texas 2:1215-1218.
Vinnersten07: A. Vinnersten, J. Manning. 2007. A new classification of Colchicaceae. Taxon 56: 171-178.

Wagner85: W. L. Wagner, R. E. Stockhouse, W. M. Klein. 1985. The systematics and evolution of the *Oenothera caespitosa* species complex (Onagraceae). Monogr. Syst. Bot. Missouri Bot. Gard. 12: 1-103.
Wagner07: W. L. Wagner, P. C. Hoch, P. H. Raven. 2007. Revised classification of the Onagraceae. Syst. Bot. Monogr. 83: 1-240.
Weber82: W. A. Weber. 1982. Mnemonic three-letter acronyms for the families of vascular plants: a device for more effective herbarium curation. Taxon 31: 74-88.
Welsh03: S. L. Welsh, N. D. Atwood, S. Goodrich, L. C. Higgins (Editors). 2003. A Utah Flora. Third edition, revised. Brigham Young University, Provo, UT.
Wen98: J. Wen, S. Shi, R. K. Jansen, E. A. Zimmer. 1998. Phylogeny and biogeography of *Aralia* sect. *Aralia* (Araliaceae). Amer. J. Botany 85: 866-875.
Windham06: M. D. Windham, I. A. Al-Shehbaz. 2006. New and noteworthy species of *Boechera* (Brassicaceae) I: Sexual diploids. Harvard Papers in Botany 11: 61-88.
Windham07a: M. D. Windham, I. A. Al-Shehbaz. 2007. New and noteworthy species of *Boechera* (Brassicaceae) II: Apomictic hybrids. Harvard Papers in Botany 11: 257-274.
Windham07b: M. D. Windham, I. A. Al-Shehbaz. 2007. New and noteworthy species of *Boechera* (Brassicaceae) III: Additional sexual diploids and apomictic hybrids. Harvard Papers in Botany 12: 235-257.
Wolf79: S. J. Wolf, J. G. Packer, K. E. Denford. 1979. The taxonomy of *Minuartia rossii* (Caryophyllaceae). Canad. J. Bot. 57: 1673-1686.
Yuan96: Y.-M.Yuan, P. Küpfer, J. J. Doyle. 1996. Infrageneric phylogeny of the genus *Gentiana* (Gentianaceae) inferred from nucleotide sequences of the internal transcribed spacers (ITS) of nuclear ribosomal DNA. Amer. J. Botany 3: 641-652.
Zomlefer94: W. B. Zomlefer. 1994. Guide to Flowering Plant Families. The Univ. of North Carolina Press, Chapel Hill & London.
Zomlefer01: W. B. Zomlefer, N. H. Williams, W. Mark Whitten, W. S. Judd. 2001. Generic circumscription and relationships in the tribe Melanthieae (Lilales, Melanthiaceae), with empahsis on *Zigadenus*: Evidence from ITS and *TRNL-F* sequences. Amer. J. Botany 88: 1657-1669.
Zomlefer02: W. B. Zomlefer, W. S. Judd. 2002. Resurrection of segregates of the polyphyletic genus *Zigadenus* s.l. (Liliales: Melanthaceae) and resulting new combinations. Novon 12: 299-308.
Zuloaga07: F. O. Zuloaga, L. M. Giussani, O. Morrone. 2007. *Hopia*, a new monotypic genus segregated from *Panicum* (Poaceae). Taxon 56: 145-156.